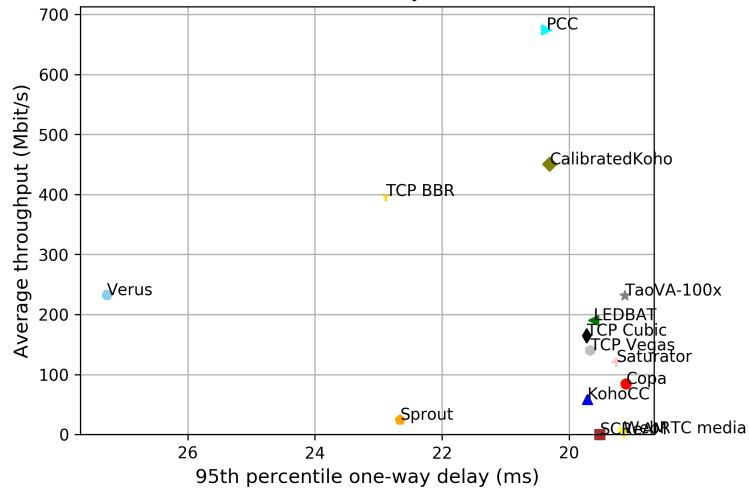


**Pantheon Summary** (Generated at Tue, 25 Jul 2017 04:45:00 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)

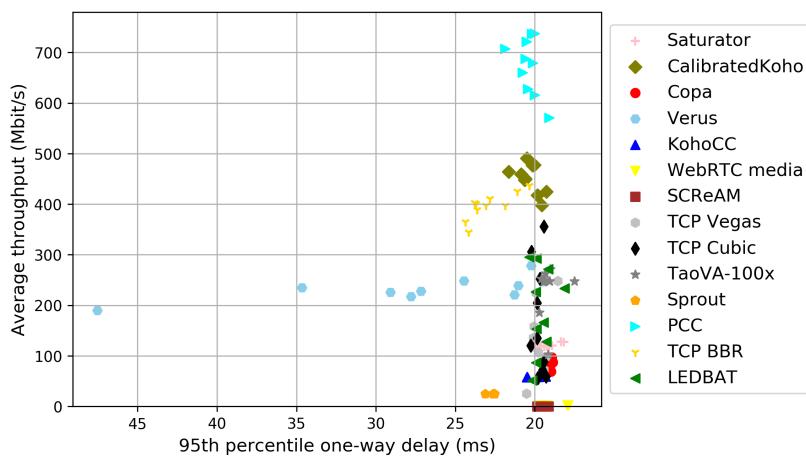
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path: AWS California 1 Ethernet (*local*) → Stanford Ethernet (*remote*).  
NTP offset measured against time.stanford.edu and has been applied to correct the timestamps in logs.

```
git branch: master @ 266b116f0817a07d000b4d181ce187fd27d3e654
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
M scripts/merge-tunnel-logs
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme



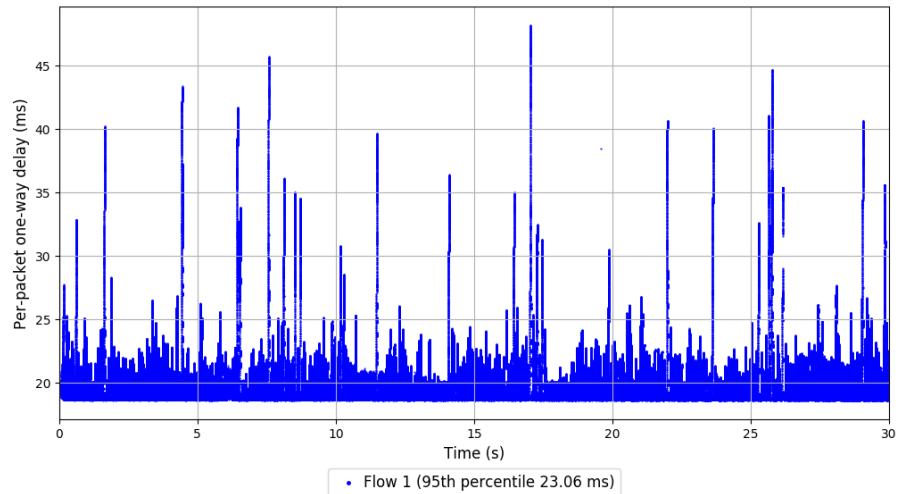
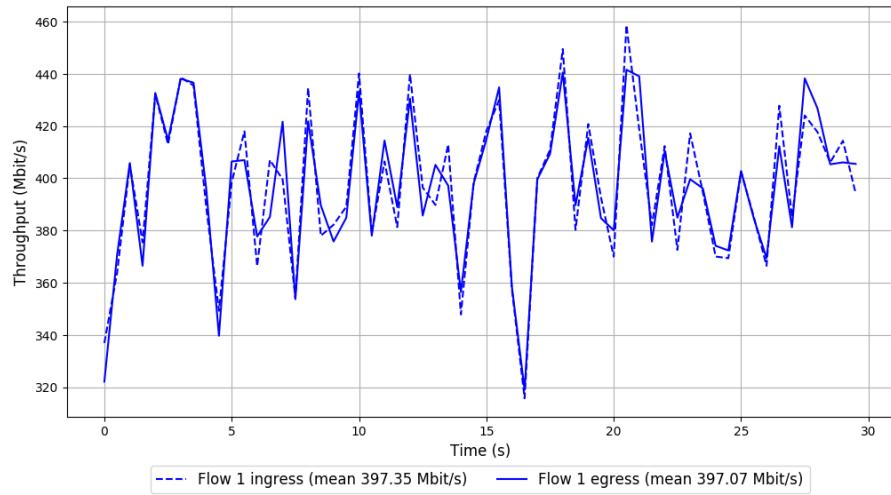
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	396.89	22.88	0.08
CalibratedKoho	10	450.54	20.30	0.03
Copa	10	84.46	19.10	0.01
TCP Cubic	10	164.96	19.72	0.02
KohoCC	10	58.82	19.71	0.03
LEDBAT	10	190.38	19.62	0.02
PCC	10	674.61	20.36	0.04
QUIC Cubic	10	nan	nan	nan
Saturator	10	120.66	19.25	0.04
SCReAM	10	0.22	19.52	0.00
Sprout	10	24.71	22.66	0.04
TaoVA-100x	10	231.28	19.13	0.02
TCP Vegas	10	140.44	19.67	0.03
Verus	10	232.90	27.27	0.08
WebRTC media	10	2.37	19.14	0.01

Run 1: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 20:13:09 +0000
End at: Mon, 24 Jul 2017 20:13:39 +0000
Local clock offset: 1.252 ms
Remote clock offset: -3.659 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:12:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 397.07 Mbit/s
95th percentile per-packet one-way delay: 23.063 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 397.07 Mbit/s
95th percentile per-packet one-way delay: 23.063 ms
Loss rate: 0.07%
```

## Run 1: Report of TCP BBR — Data Link

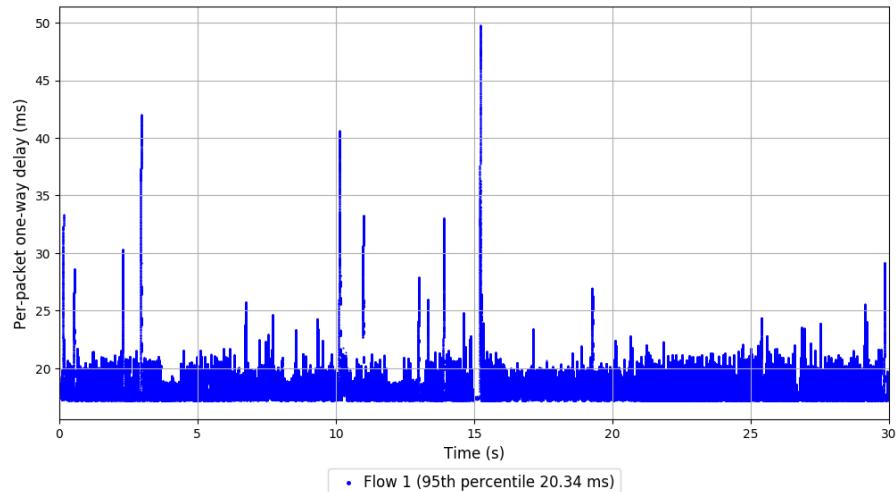
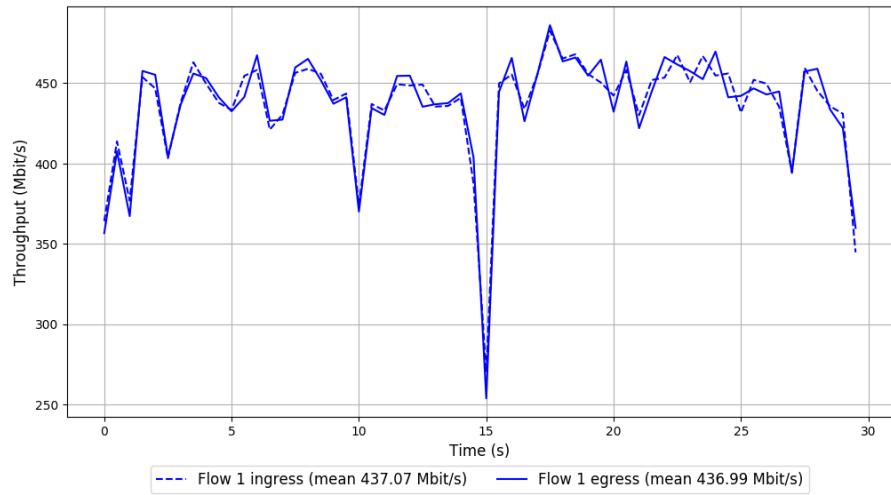


Run 2: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 20:32:51 +0000
End at: Mon, 24 Jul 2017 20:33:21 +0000
Local clock offset: 1.036 ms
Remote clock offset: -3.303 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:12:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 436.99 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 436.99 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.02%
```

## Run 2: Report of TCP BBR — Data Link

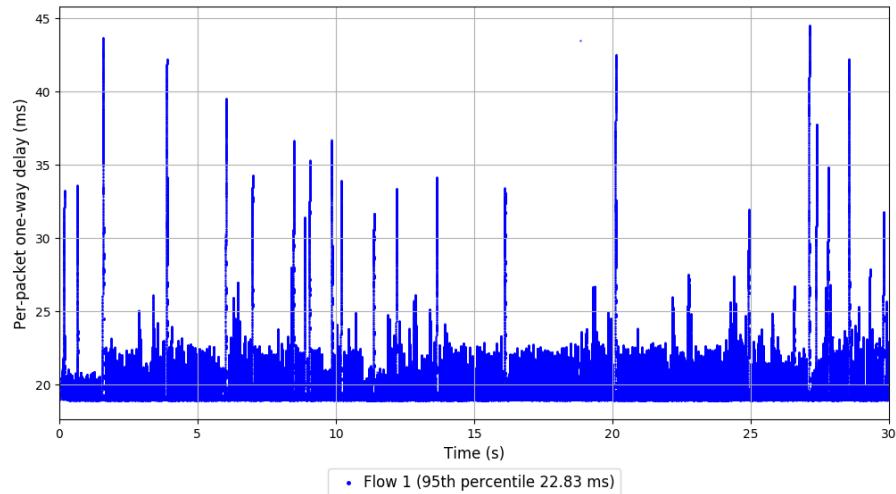
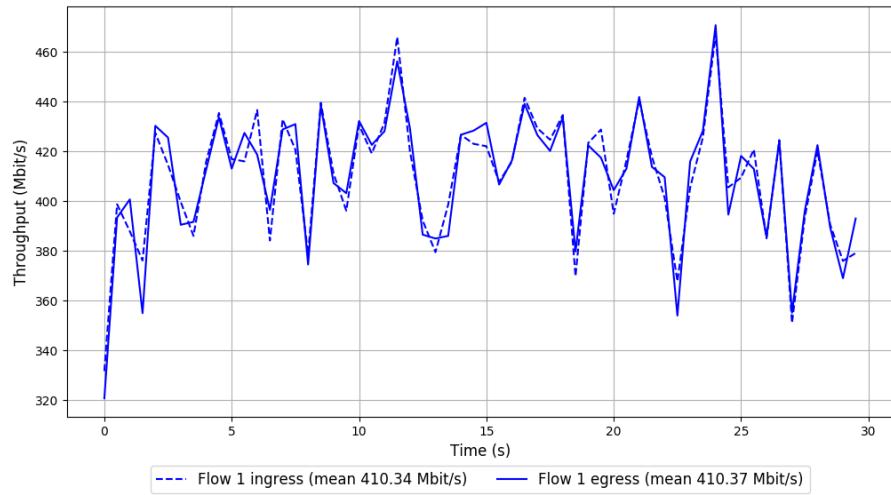


Run 3: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 20:53:16 +0000
End at: Mon, 24 Jul 2017 20:53:46 +0000
Local clock offset: 0.927 ms
Remote clock offset: -2.758 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:13:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 410.37 Mbit/s
95th percentile per-packet one-way delay: 22.828 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 410.37 Mbit/s
95th percentile per-packet one-way delay: 22.828 ms
Loss rate: 0.02%
```

### Run 3: Report of TCP BBR — Data Link

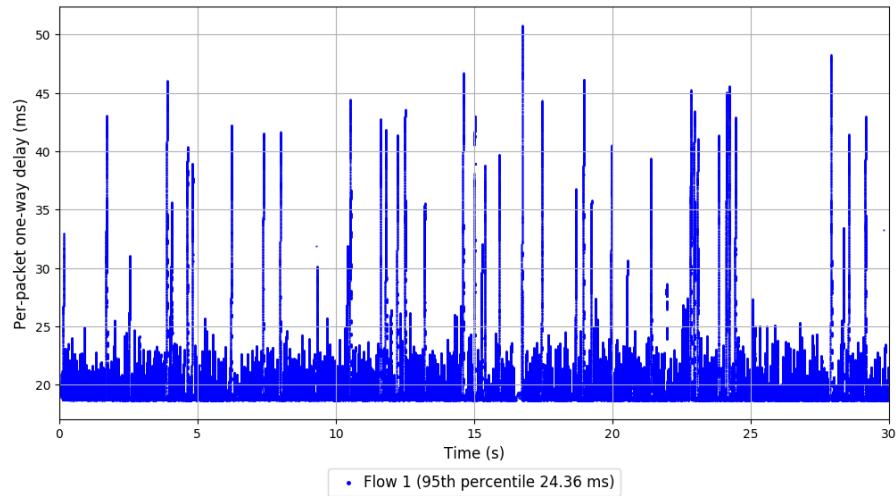
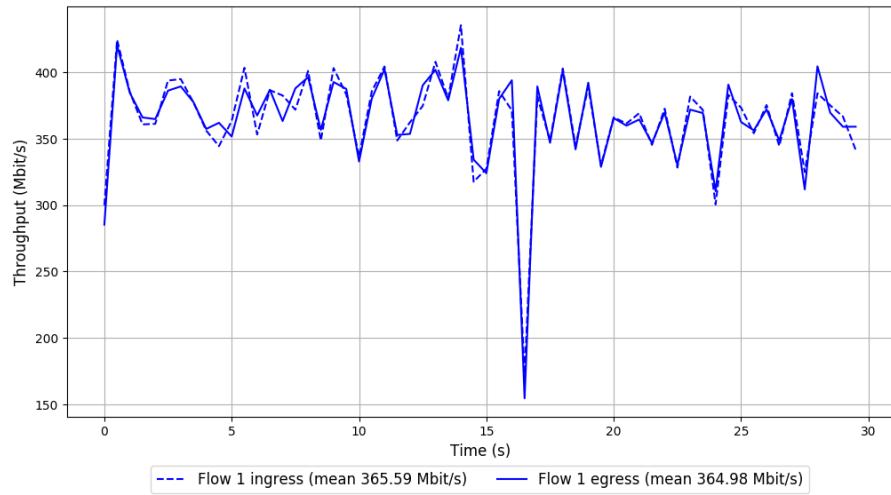


Run 4: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 21:13:15 +0000
End at: Mon, 24 Jul 2017 21:13:45 +0000
Local clock offset: 0.85 ms
Remote clock offset: -2.687 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:13:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 364.98 Mbit/s
95th percentile per-packet one-way delay: 24.359 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 364.98 Mbit/s
95th percentile per-packet one-way delay: 24.359 ms
Loss rate: 0.16%
```

## Run 4: Report of TCP BBR — Data Link

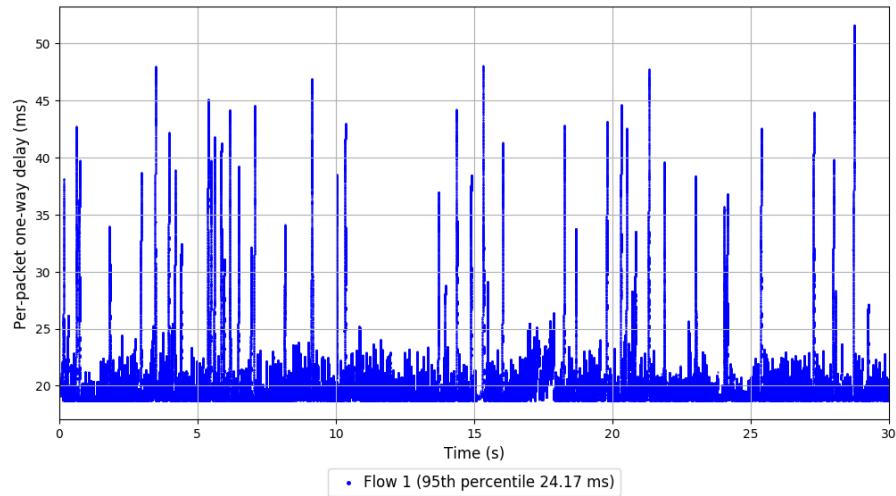
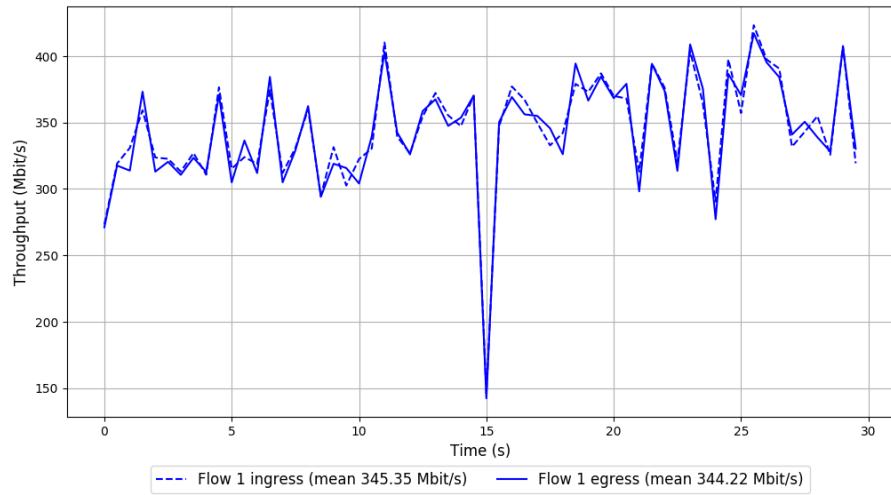


Run 5: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 21:33:04 +0000
End at: Mon, 24 Jul 2017 21:33:34 +0000
Local clock offset: 0.771 ms
Remote clock offset: -2.744 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:13:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 344.22 Mbit/s
95th percentile per-packet one-way delay: 24.168 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 344.22 Mbit/s
95th percentile per-packet one-way delay: 24.168 ms
Loss rate: 0.33%
```

### Run 5: Report of TCP BBR — Data Link

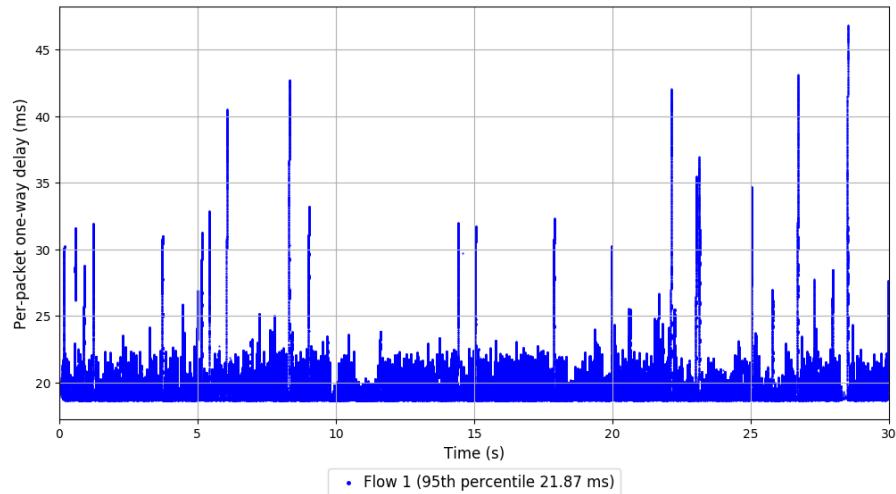
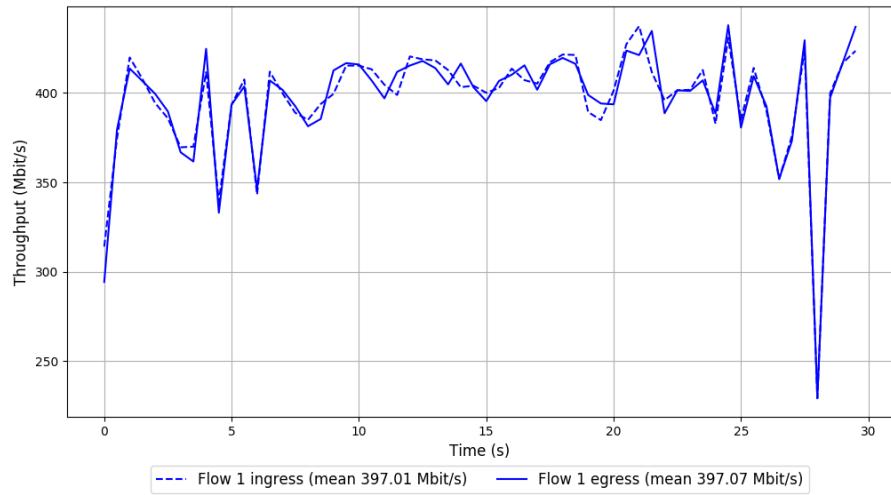


Run 6: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 21:53:16 +0000
End at: Mon, 24 Jul 2017 21:53:46 +0000
Local clock offset: 0.907 ms
Remote clock offset: -2.813 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:14:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 397.07 Mbit/s
95th percentile per-packet one-way delay: 21.871 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 397.07 Mbit/s
95th percentile per-packet one-way delay: 21.871 ms
Loss rate: 0.03%
```

## Run 6: Report of TCP BBR — Data Link

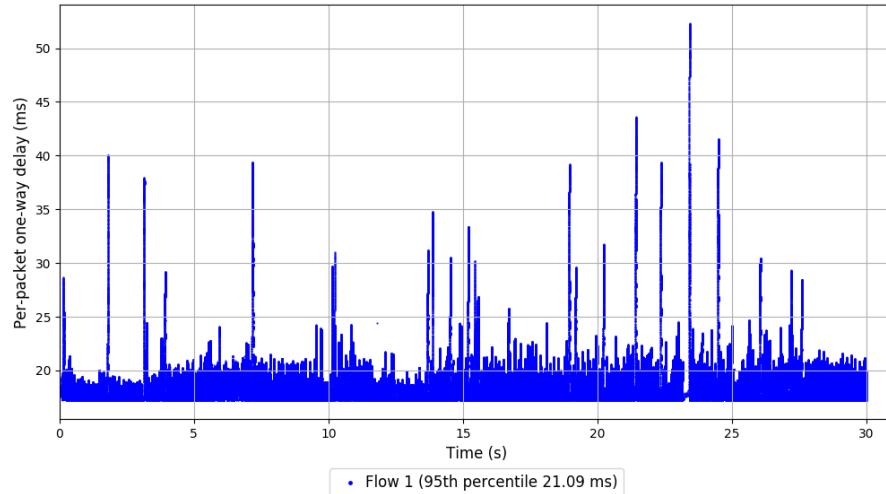
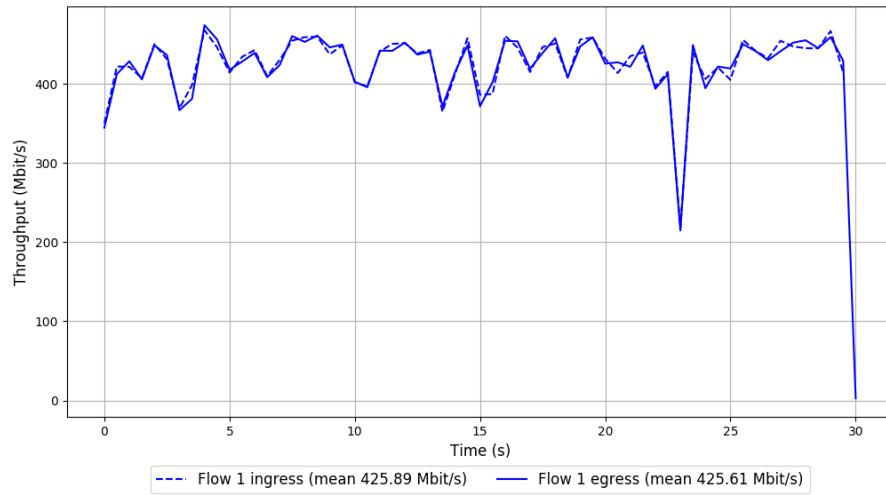


Run 7: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 22:13:25 +0000
End at: Mon, 24 Jul 2017 22:13:55 +0000
Local clock offset: 0.892 ms
Remote clock offset: -2.857 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:14:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 425.61 Mbit/s
95th percentile per-packet one-way delay: 21.092 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 425.61 Mbit/s
95th percentile per-packet one-way delay: 21.092 ms
Loss rate: 0.06%
```

### Run 7: Report of TCP BBR — Data Link

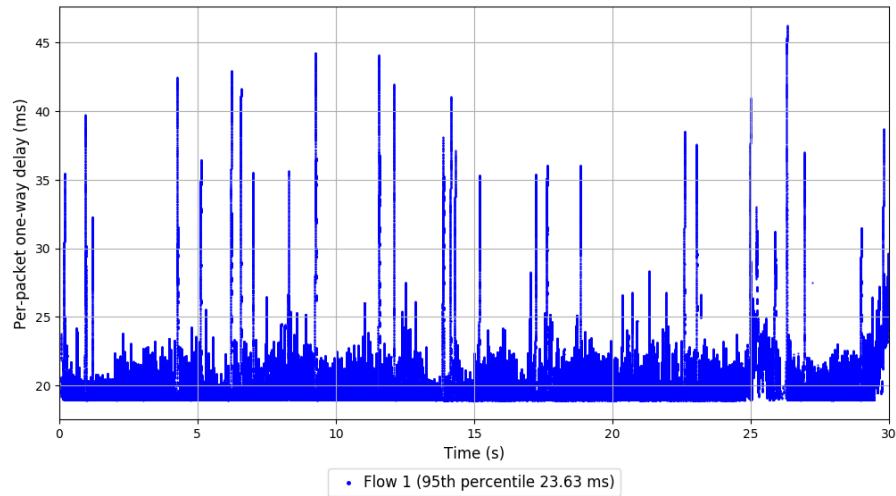
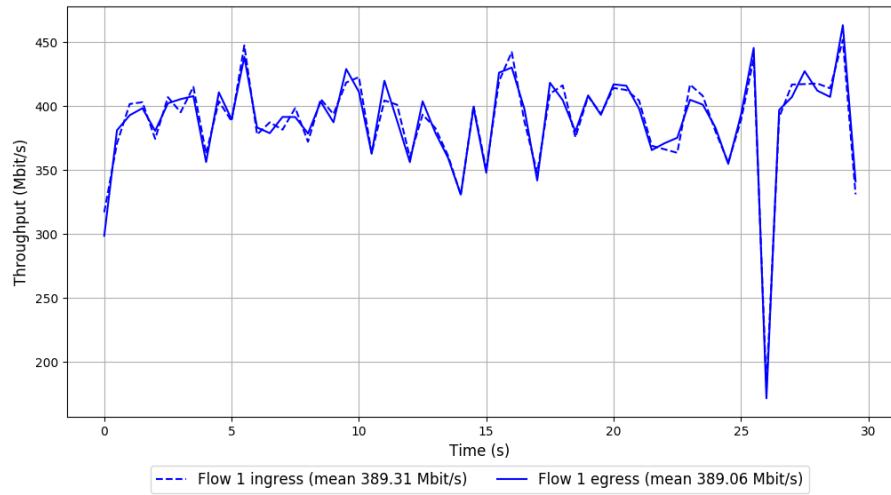


Run 8: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 22:33:36 +0000
End at: Mon, 24 Jul 2017 22:34:06 +0000
Local clock offset: 0.779 ms
Remote clock offset: -2.818 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:14:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 389.06 Mbit/s
95th percentile per-packet one-way delay: 23.629 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 389.06 Mbit/s
95th percentile per-packet one-way delay: 23.629 ms
Loss rate: 0.05%
```

### Run 8: Report of TCP BBR — Data Link

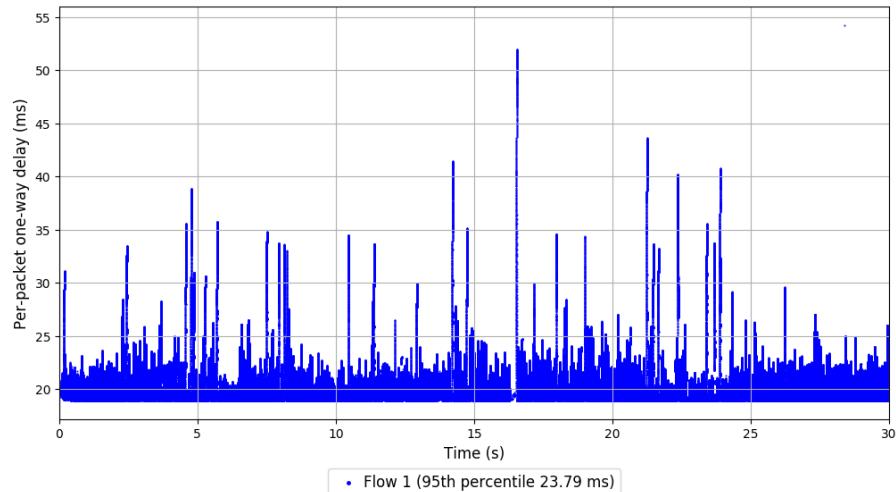
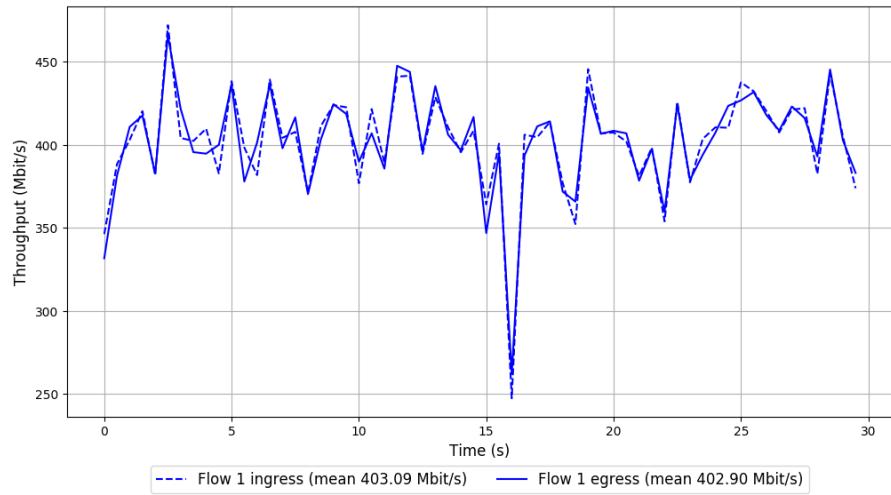


Run 9: Statistics of TCP BBR

```
Start at: Mon, 24 Jul 2017 22:53:49 +0000
End at: Mon, 24 Jul 2017 22:54:19 +0000
Local clock offset: 0.663 ms
Remote clock offset: -2.753 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:15:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 402.90 Mbit/s
95th percentile per-packet one-way delay: 23.786 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 402.90 Mbit/s
95th percentile per-packet one-way delay: 23.786 ms
Loss rate: 0.05%
```

### Run 9: Report of TCP BBR — Data Link

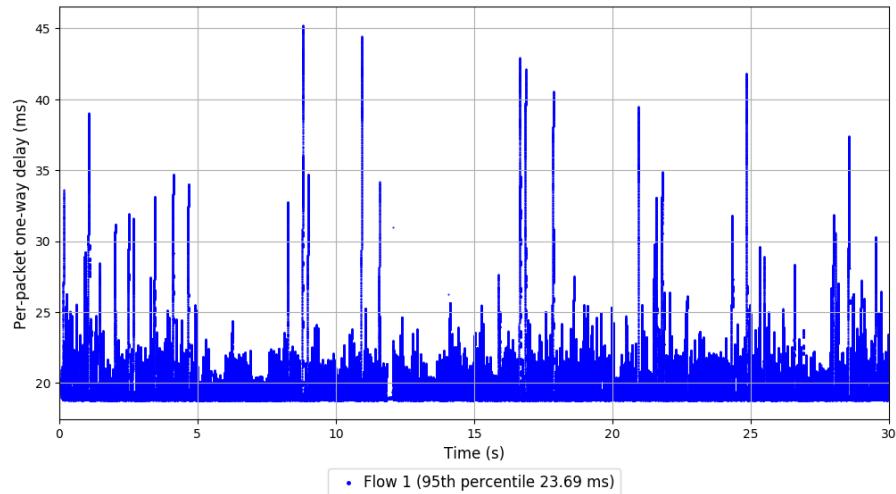
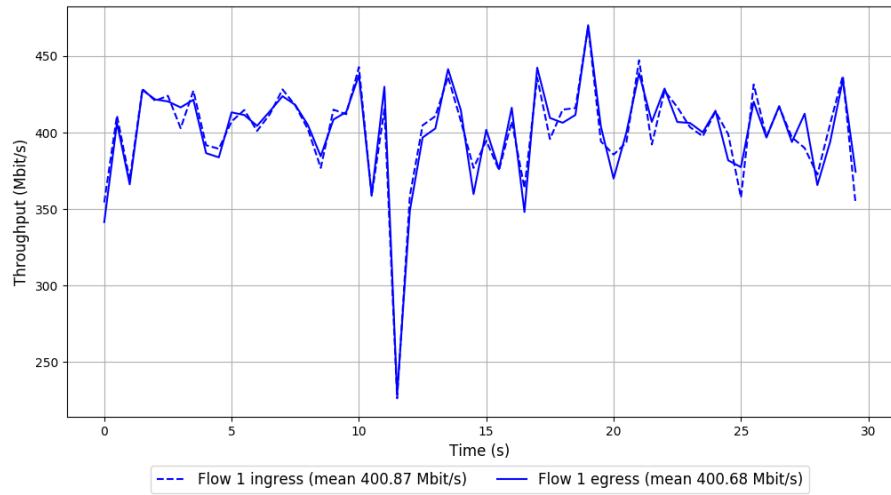


```
Run 10: Statistics of TCP BBR
```

```
Start at: Mon, 24 Jul 2017 23:14:20 +0000
End at: Mon, 24 Jul 2017 23:14:50 +0000
Local clock offset: 0.544 ms
Remote clock offset: -2.654 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:15:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 400.68 Mbit/s
95th percentile per-packet one-way delay: 23.694 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 400.68 Mbit/s
95th percentile per-packet one-way delay: 23.694 ms
Loss rate: 0.05%
```

## Run 10: Report of TCP BBR — Data Link



```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 20:18:28 +0000
```

```
End at: Mon, 24 Jul 2017 20:18:58 +0000
```

```
Local clock offset: 1.184 ms
```

```
Remote clock offset: -3.546 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:16:42 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 424.38 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.272 ms
```

```
Loss rate: 0.04%
```

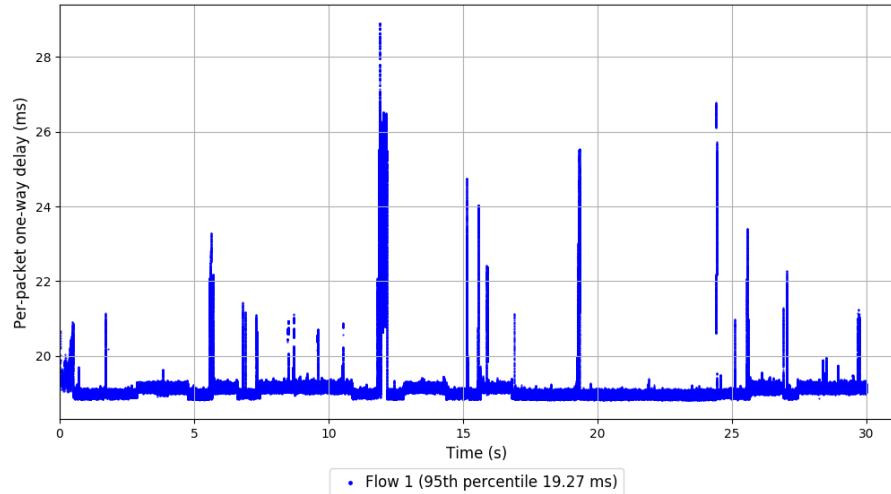
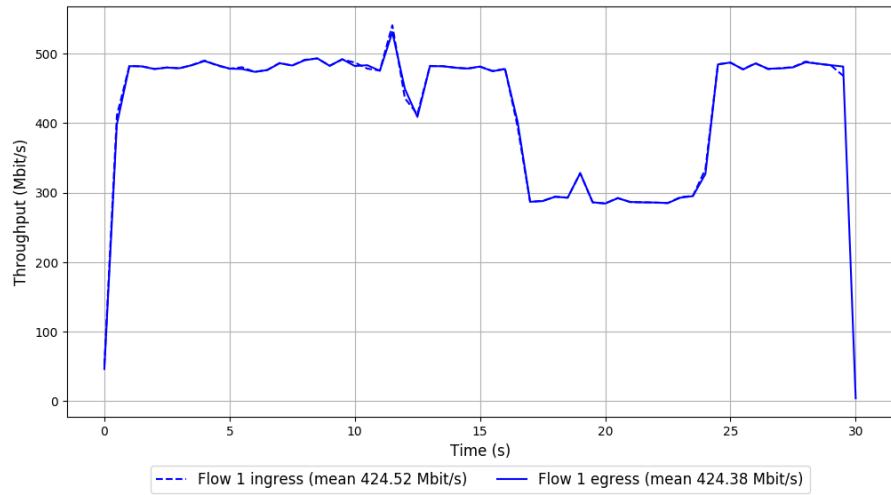
```
-- Flow 1:
```

```
Average throughput: 424.38 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.272 ms
```

```
Loss rate: 0.04%
```

Run 1: Report of CalibratedKoho — Data Link

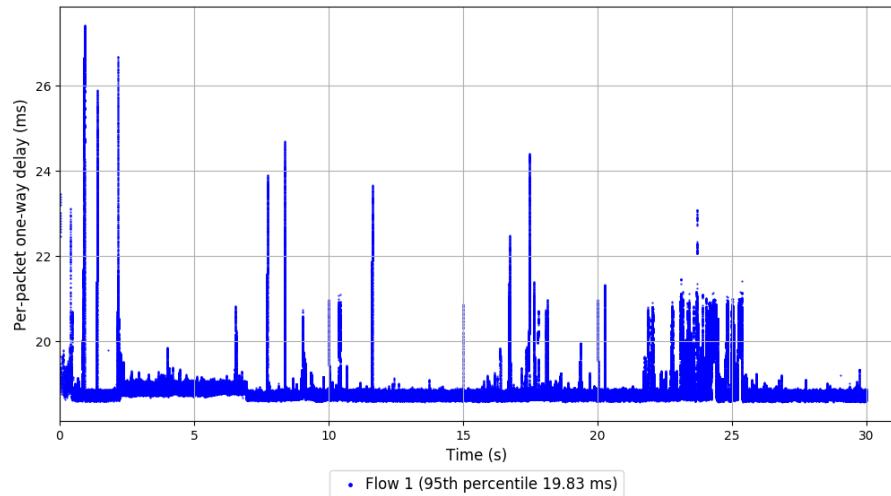
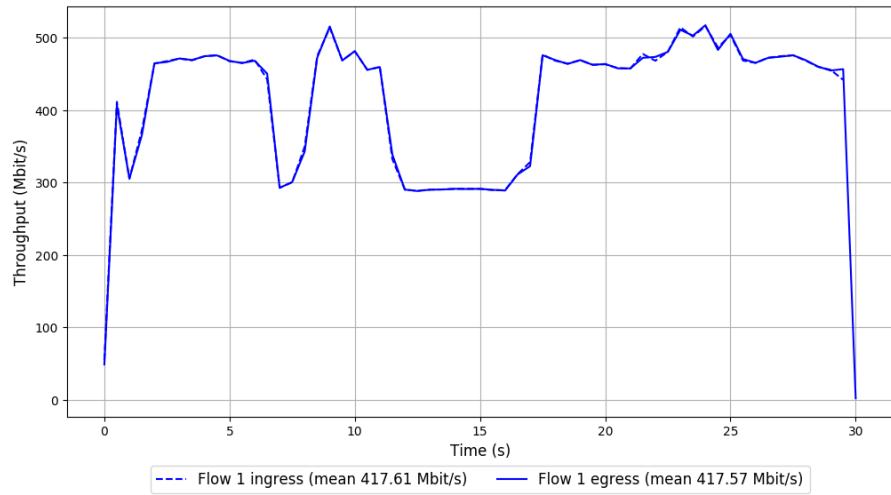


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 20:38:17 +0000
End at: Mon, 24 Jul 2017 20:38:47 +0000
Local clock offset: 1.018 ms
Remote clock offset: -3.163 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:16:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 417.57 Mbit/s
95th percentile per-packet one-way delay: 19.832 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 417.57 Mbit/s
95th percentile per-packet one-way delay: 19.832 ms
Loss rate: 0.01%
```

## Run 2: Report of CalibratedKoho — Data Link

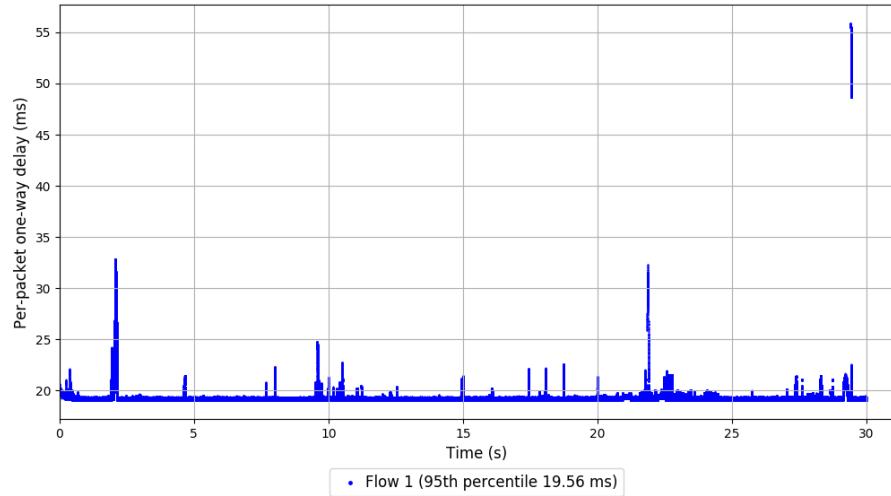
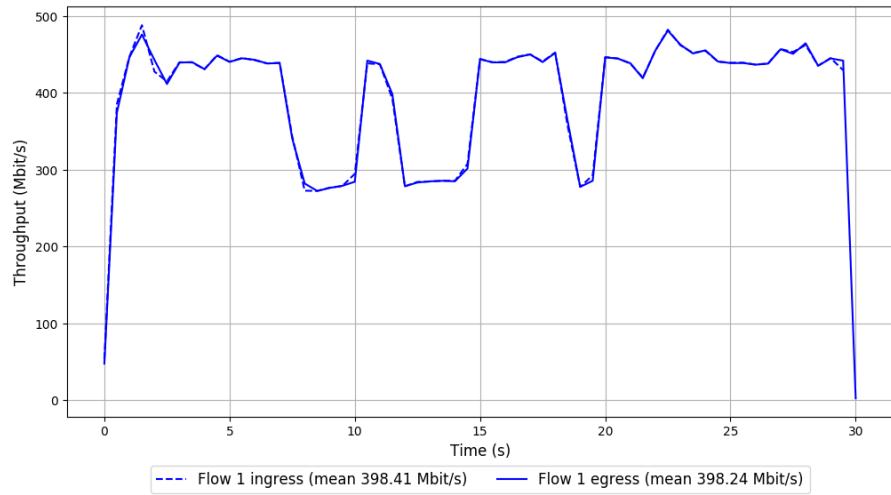


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 20:58:39 +0000
End at: Mon, 24 Jul 2017 20:59:09 +0000
Local clock offset: 0.905 ms
Remote clock offset: -2.724 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:17:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 398.24 Mbit/s
95th percentile per-packet one-way delay: 19.556 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 398.24 Mbit/s
95th percentile per-packet one-way delay: 19.556 ms
Loss rate: 0.05%
```

Run 3: Report of CalibratedKoho — Data Link

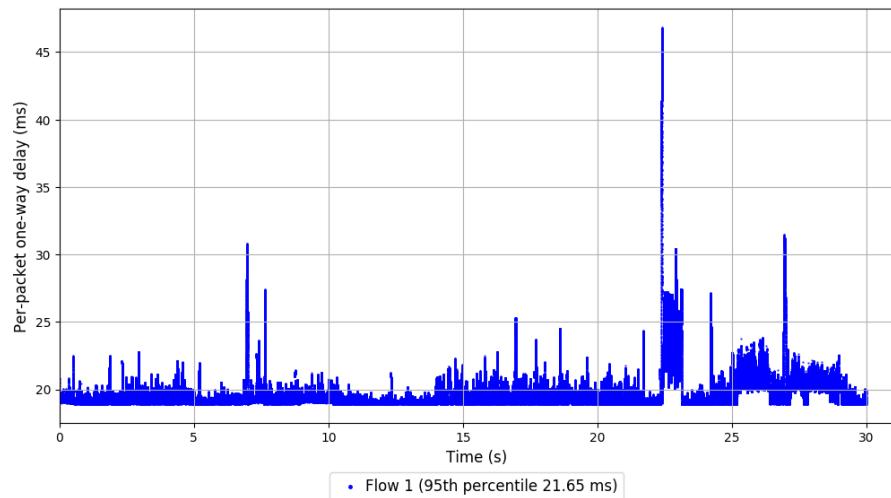
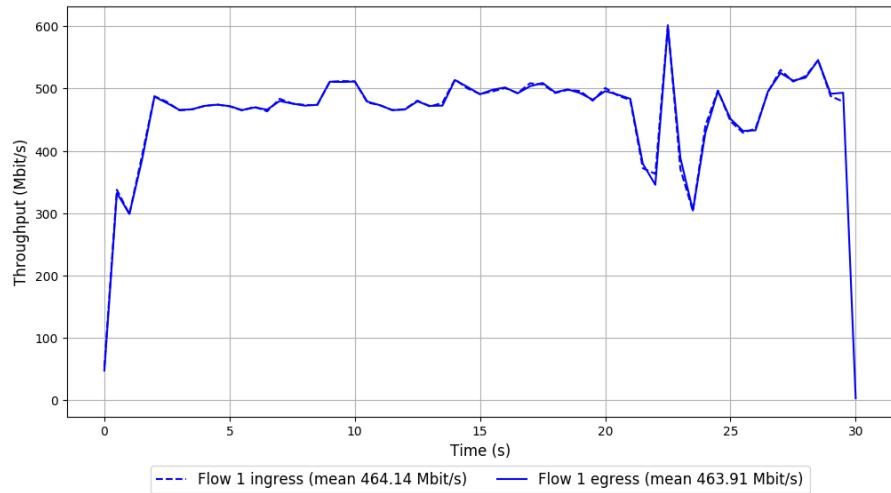


Run 4: Statistics of CalibratedKoho

```
Start at: Mon, 24 Jul 2017 21:18:35 +0000
End at: Mon, 24 Jul 2017 21:19:05 +0000
Local clock offset: 0.699 ms
Remote clock offset: -2.662 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:17:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 463.91 Mbit/s
95th percentile per-packet one-way delay: 21.646 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 463.91 Mbit/s
95th percentile per-packet one-way delay: 21.646 ms
Loss rate: 0.05%
```

### Run 4: Report of CalibratedKoho — Data Link



```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 21:38:25 +0000
```

```
End at: Mon, 24 Jul 2017 21:38:55 +0000
```

```
Local clock offset: 0.837 ms
```

```
Remote clock offset: -2.818 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:18:40 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 490.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.497 ms
```

```
Loss rate: 0.06%
```

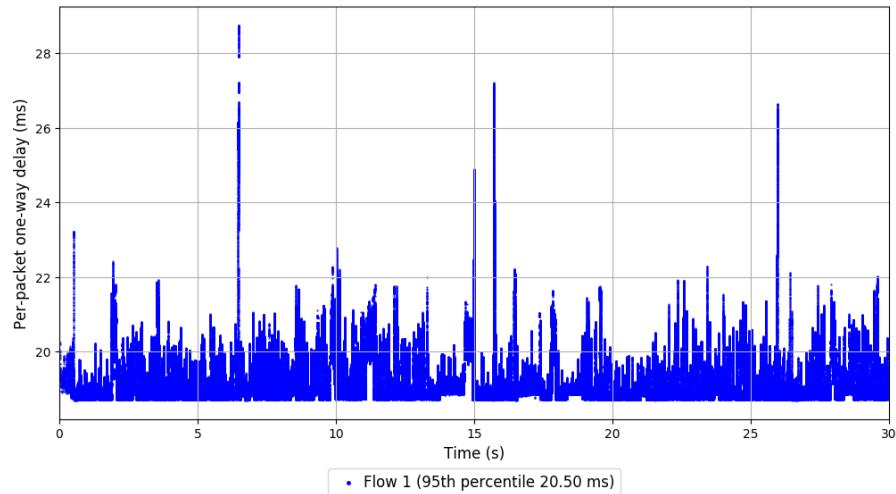
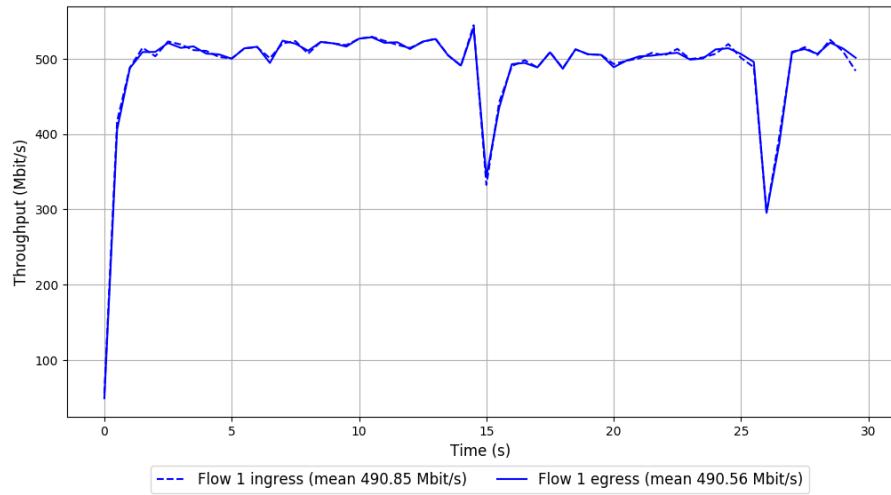
```
-- Flow 1:
```

```
Average throughput: 490.56 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.497 ms
```

```
Loss rate: 0.06%
```

Run 5: Report of CalibratedKoho — Data Link



```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 21:58:38 +0000
```

```
End at: Mon, 24 Jul 2017 21:59:08 +0000
```

```
Local clock offset: 0.815 ms
```

```
Remote clock offset: -2.838 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:18:46 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 476.65 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.135 ms
```

```
Loss rate: 0.02%
```

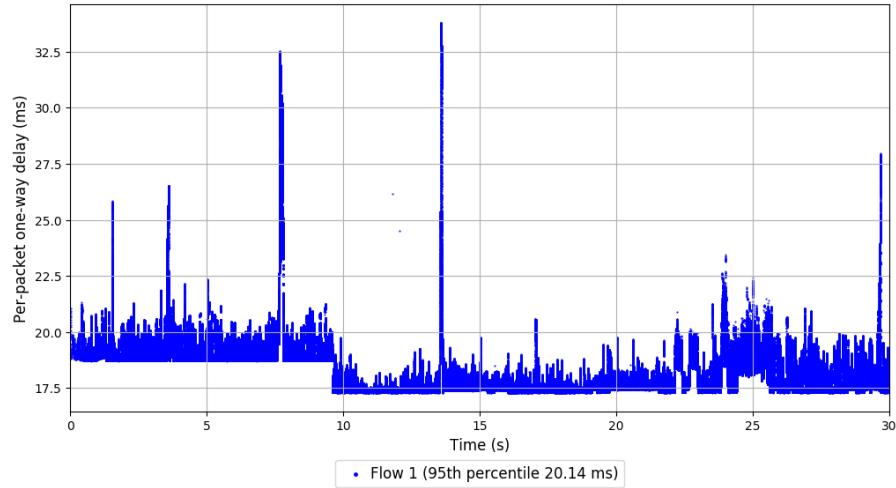
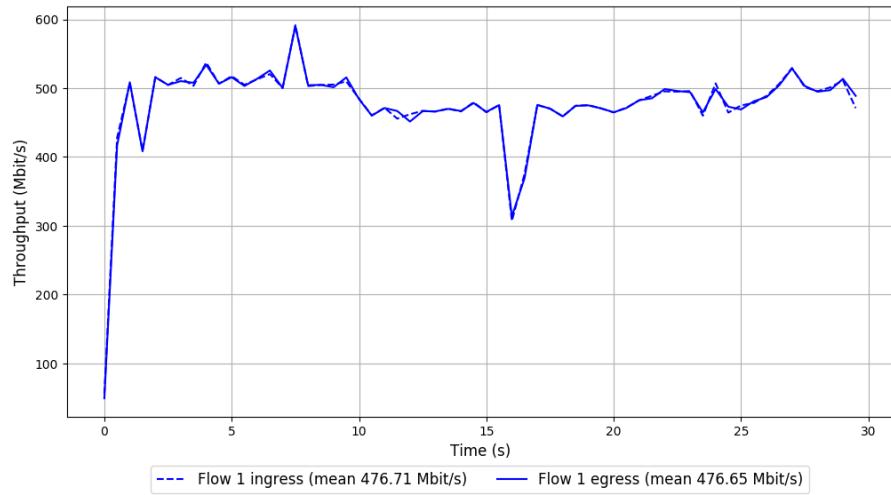
```
-- Flow 1:
```

```
Average throughput: 476.65 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.135 ms
```

```
Loss rate: 0.02%
```

Run 6: Report of CalibratedKoho — Data Link



```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 22:18:48 +0000
```

```
End at: Mon, 24 Jul 2017 22:19:18 +0000
```

```
Local clock offset: 0.904 ms
```

```
Remote clock offset: -2.773 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:19:39 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 449.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.581 ms
```

```
Loss rate: 0.01%
```

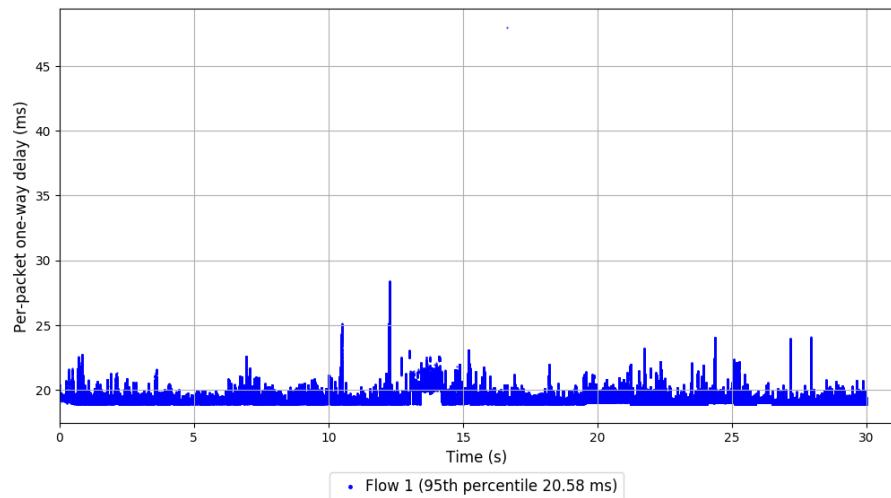
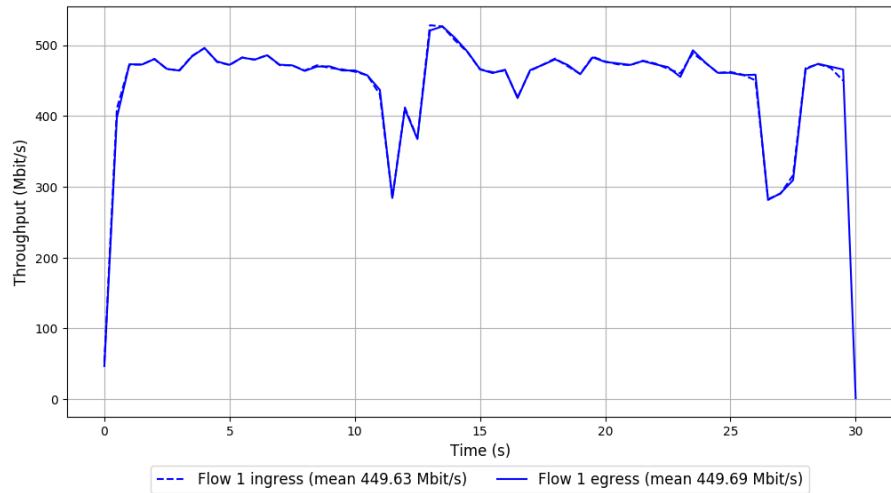
```
-- Flow 1:
```

```
Average throughput: 449.69 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.581 ms
```

```
Loss rate: 0.01%
```

Run 7: Report of CalibratedKoho — Data Link



```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 22:38:58 +0000
```

```
End at: Mon, 24 Jul 2017 22:39:28 +0000
```

```
Local clock offset: 0.719 ms
```

```
Remote clock offset: -2.781 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:19:45 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 447.57 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.626 ms
```

```
Loss rate: 0.03%
```

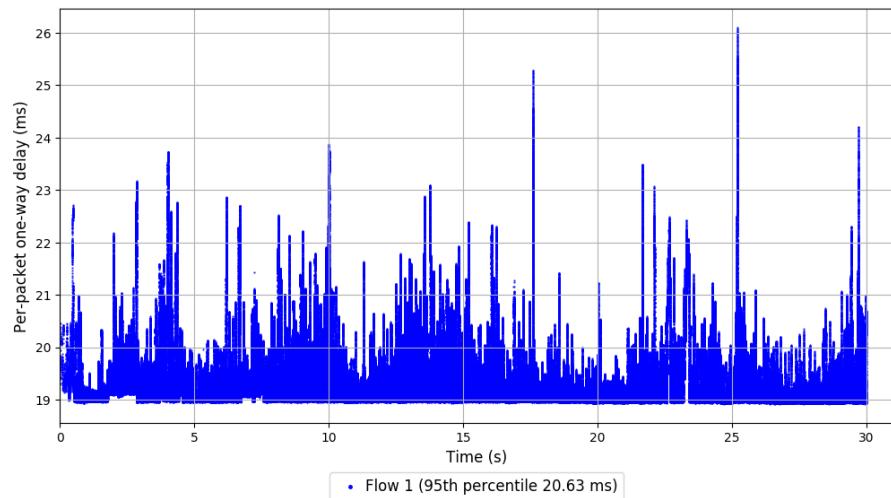
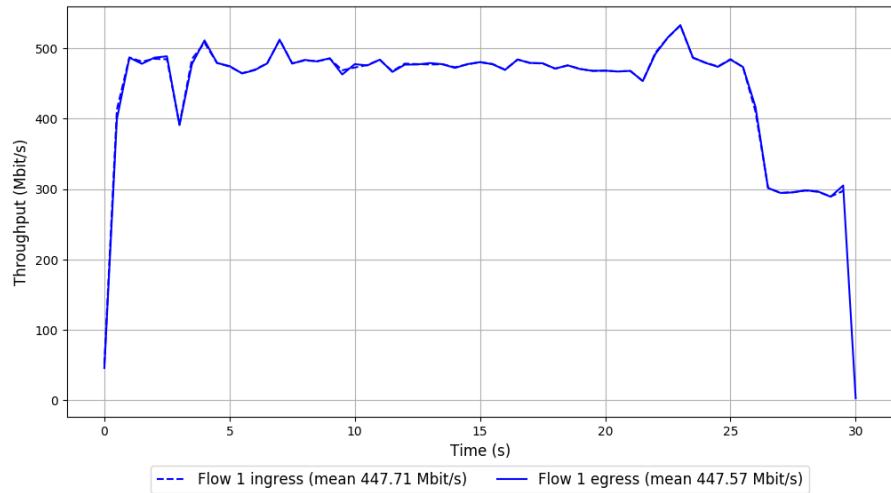
```
-- Flow 1:
```

```
Average throughput: 447.57 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.626 ms
```

```
Loss rate: 0.03%
```

Run 8: Report of CalibratedKoho — Data Link

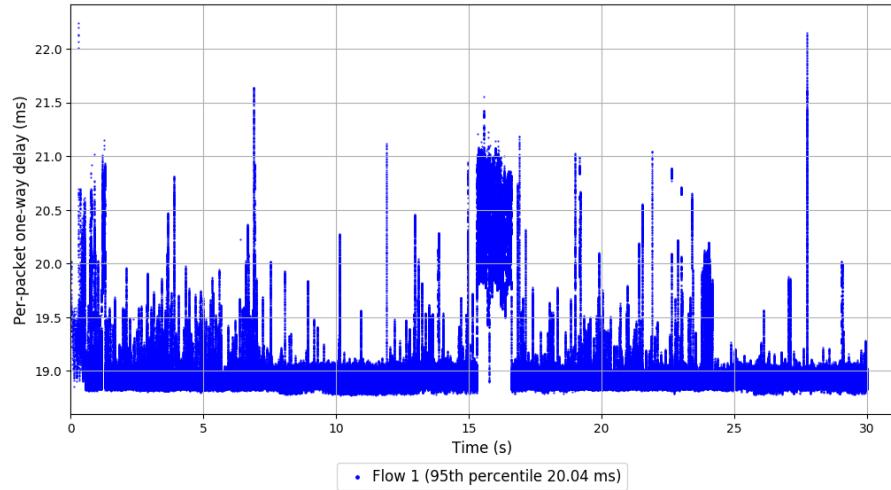
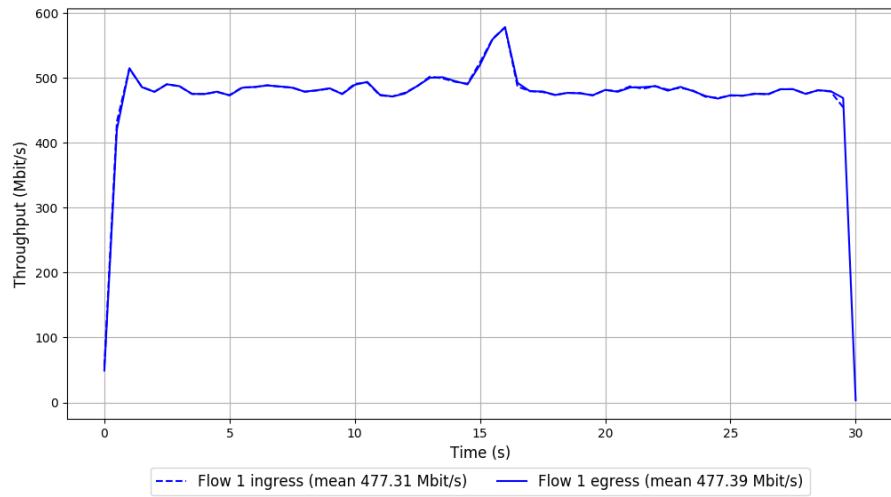


Run 9: Statistics of CalibratedKoho

```
Start at: Mon, 24 Jul 2017 22:59:15 +0000
End at: Mon, 24 Jul 2017 22:59:45 +0000
Local clock offset: 0.598 ms
Remote clock offset: -2.62 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:20:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 477.39 Mbit/s
95th percentile per-packet one-way delay: 20.038 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 477.39 Mbit/s
95th percentile per-packet one-way delay: 20.038 ms
Loss rate: 0.00%
```

### Run 9: Report of CalibratedKoho — Data Link



```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Mon, 24 Jul 2017 23:19:43 +0000
```

```
End at: Mon, 24 Jul 2017 23:20:13 +0000
```

```
Local clock offset: 0.486 ms
```

```
Remote clock offset: -2.854 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:20:46 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 459.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.861 ms
```

```
Loss rate: 0.01%
```

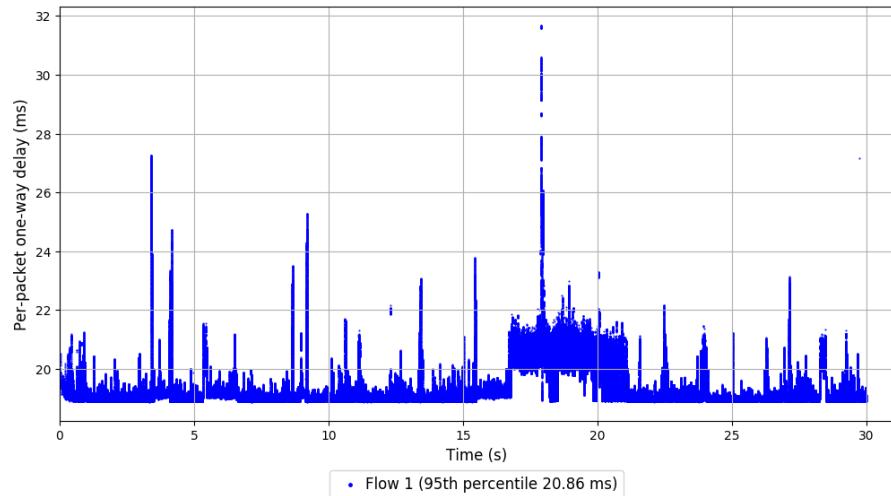
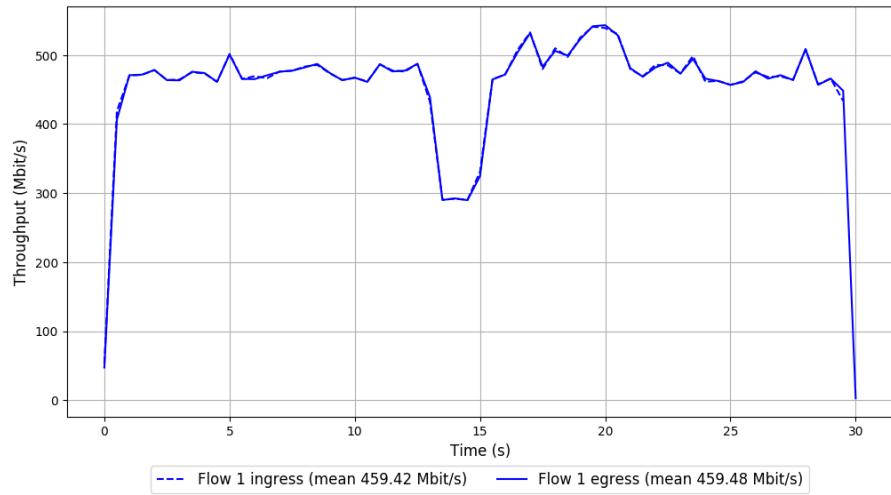
```
-- Flow 1:
```

```
Average throughput: 459.48 Mbit/s
```

```
95th percentile per-packet one-way delay: 20.861 ms
```

```
Loss rate: 0.01%
```

Run 10: Report of CalibratedKoho — Data Link

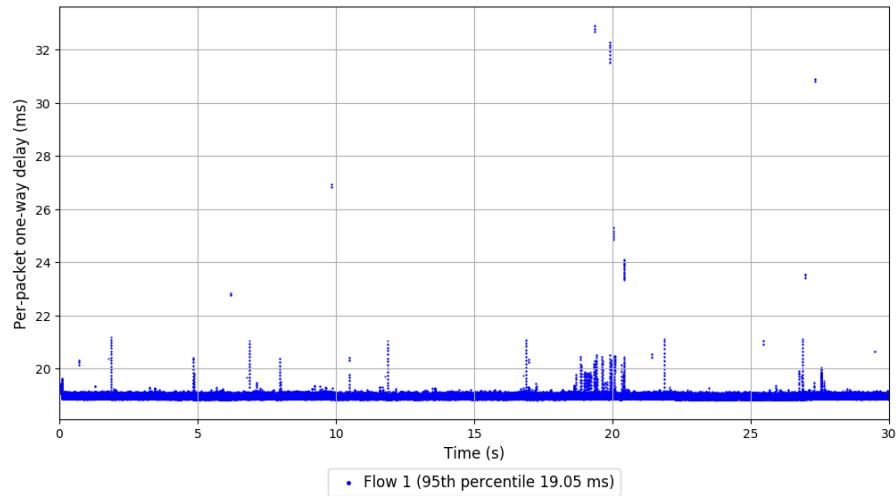
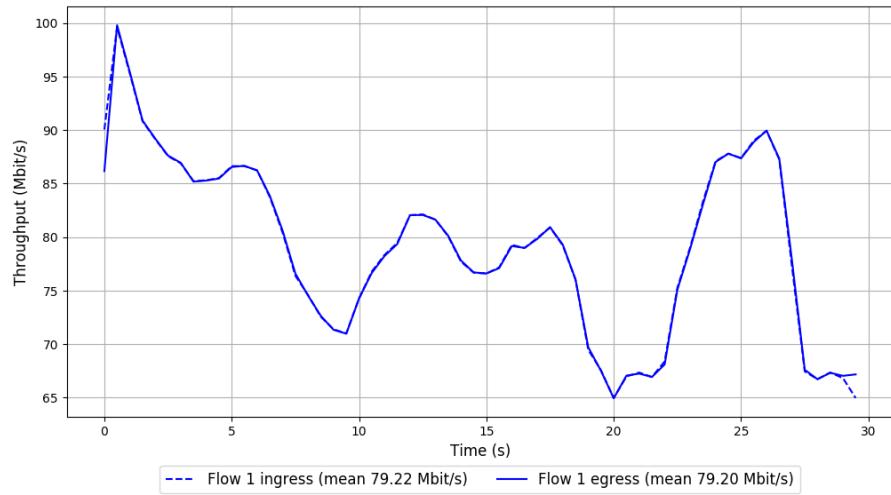


Run 1: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 20:01:27 +0000
End at: Mon, 24 Jul 2017 20:01:57 +0000
Local clock offset: 1.264 ms
Remote clock offset: -3.729 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:20:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 19.052 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 19.052 ms
Loss rate: 0.02%
```

## Run 1: Report of Copa — Data Link

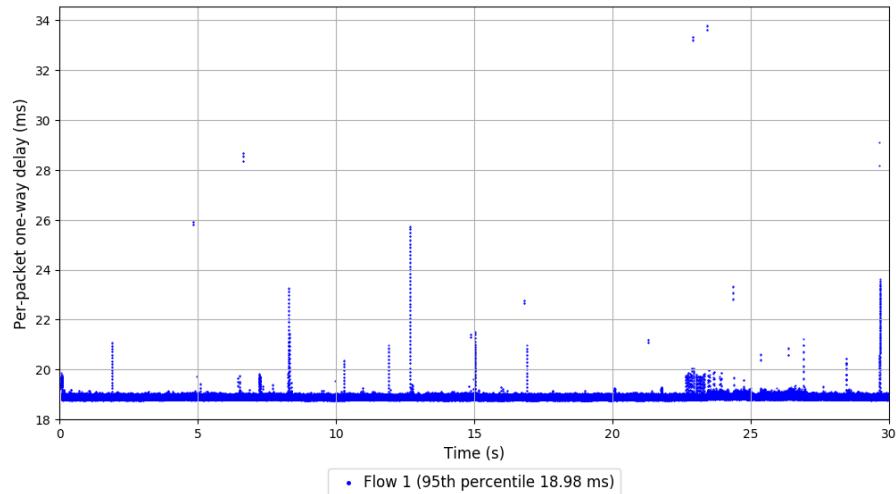
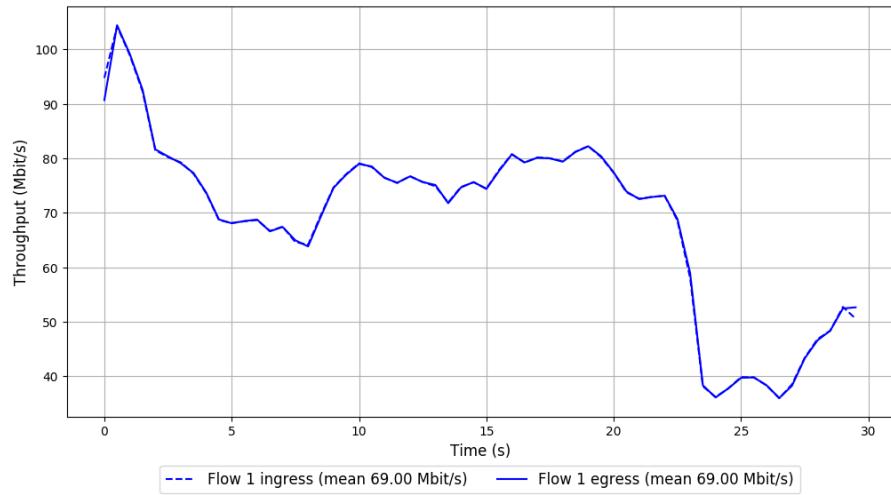


Run 2: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 20:21:16 +0000
End at: Mon, 24 Jul 2017 20:21:46 +0000
Local clock offset: 1.15 ms
Remote clock offset: -3.526 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:21:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 18.979 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 69.00 Mbit/s
95th percentile per-packet one-way delay: 18.979 ms
Loss rate: 0.02%
```

## Run 2: Report of Copa — Data Link

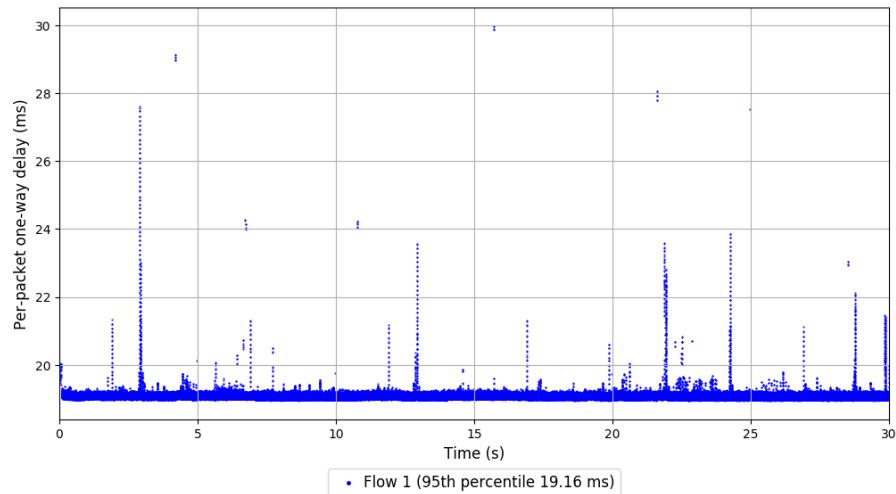
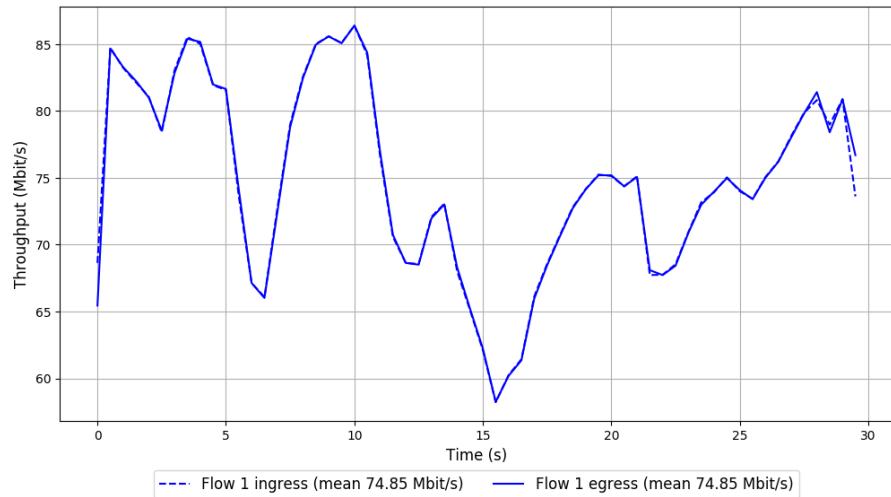


Run 3: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 20:41:04 +0000
End at: Mon, 24 Jul 2017 20:41:34 +0000
Local clock offset: 0.941 ms
Remote clock offset: -3.022 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:21:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.85 Mbit/s
95th percentile per-packet one-way delay: 19.164 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.85 Mbit/s
95th percentile per-packet one-way delay: 19.164 ms
Loss rate: 0.00%
```

### Run 3: Report of Copa — Data Link

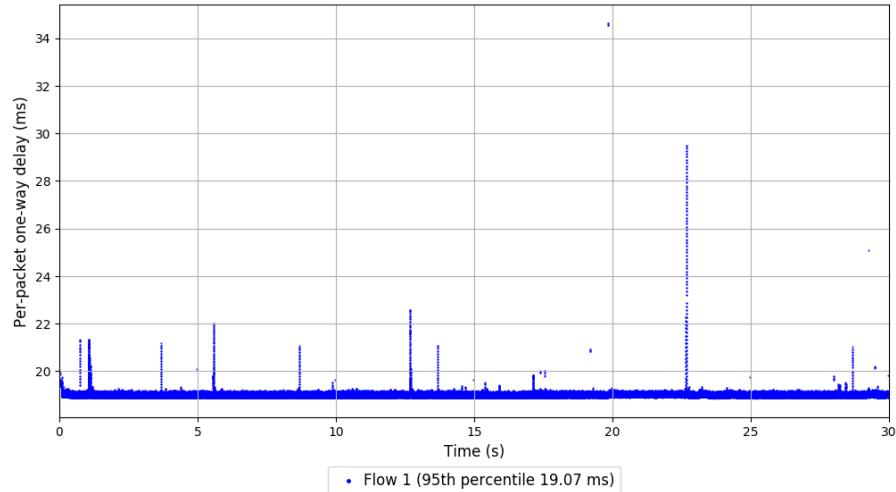
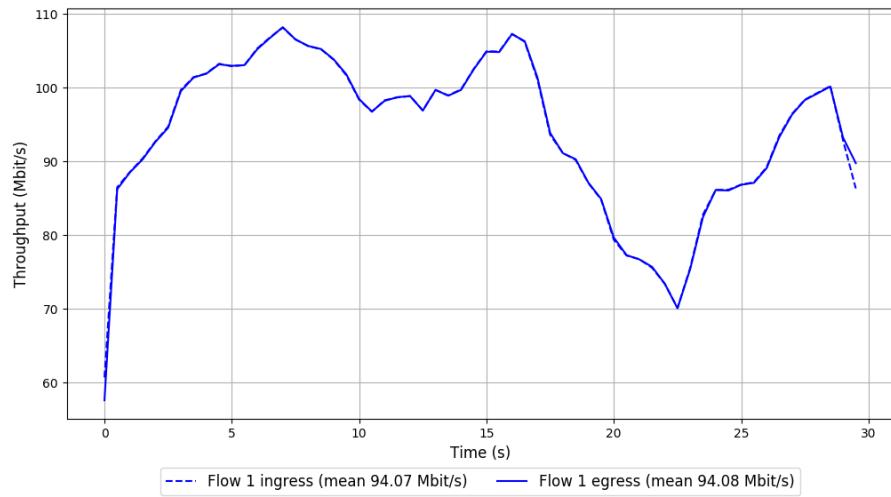


Run 4: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 21:01:24 +0000
End at: Mon, 24 Jul 2017 21:01:54 +0000
Local clock offset: 0.994 ms
Remote clock offset: -2.774 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:21:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 19.075 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 19.075 ms
Loss rate: 0.01%
```

## Run 4: Report of Copa — Data Link

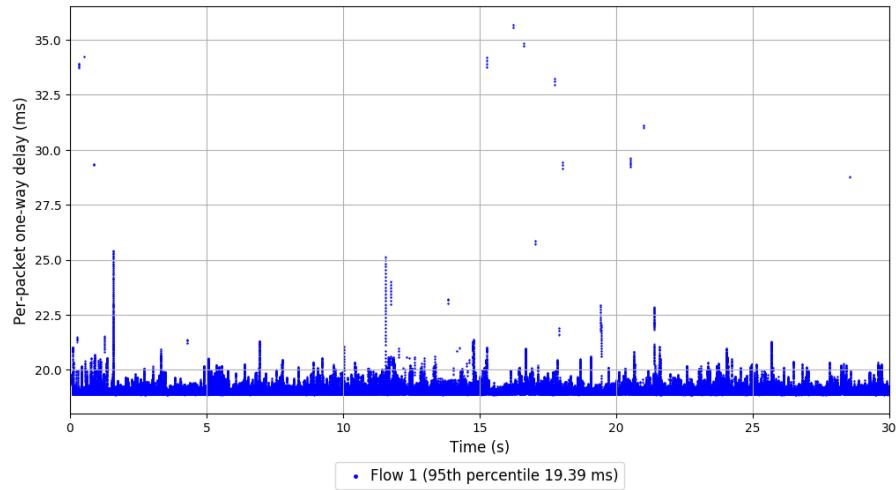
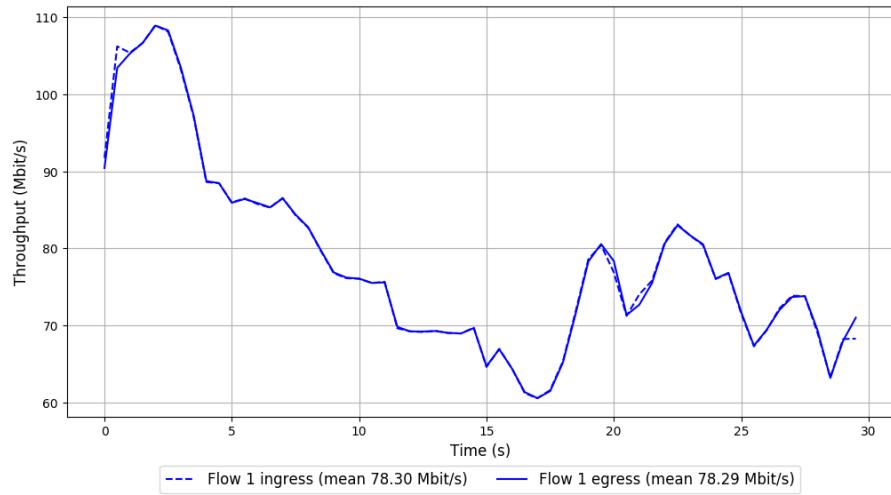


Run 5: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 21:21:25 +0000
End at: Mon, 24 Jul 2017 21:21:55 +0000
Local clock offset: 0.759 ms
Remote clock offset: -2.55 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:21:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 19.395 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 19.395 ms
Loss rate: 0.02%
```

### Run 5: Report of Copa — Data Link

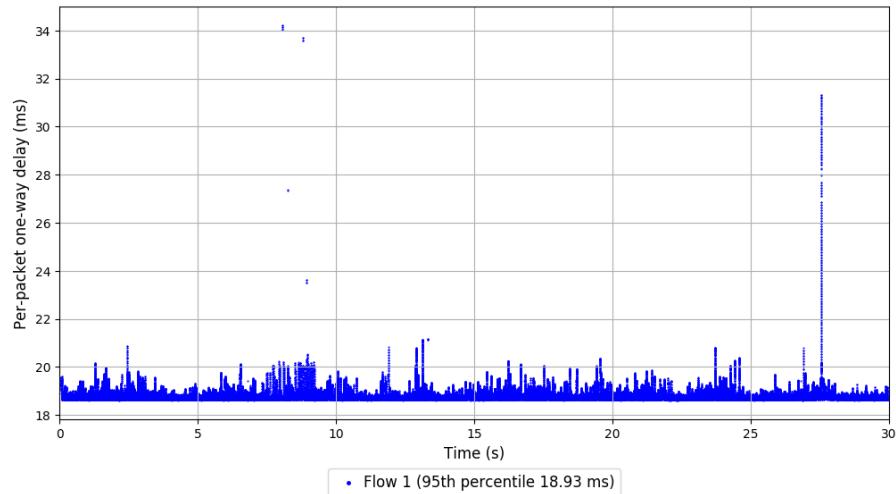
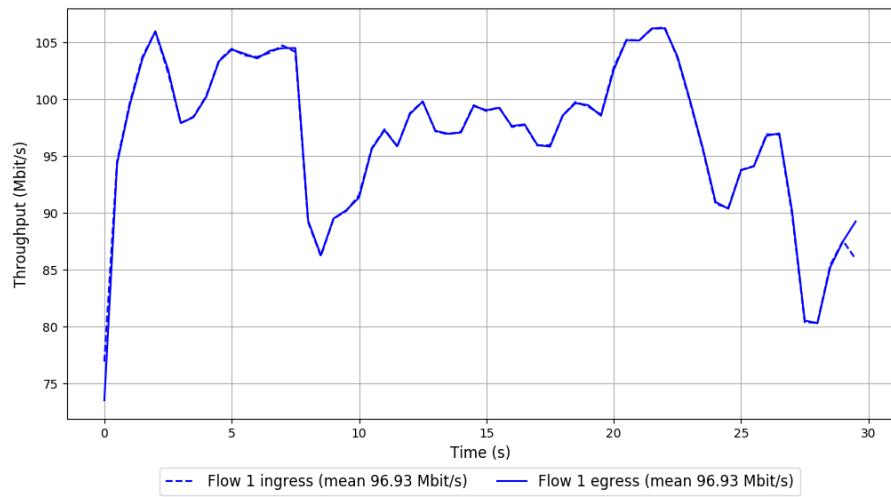


Run 6: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 21:41:17 +0000
End at: Mon, 24 Jul 2017 21:41:47 +0000
Local clock offset: 0.845 ms
Remote clock offset: -2.853 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:21:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 18.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 18.932 ms
Loss rate: 0.00%
```

## Run 6: Report of Copa — Data Link

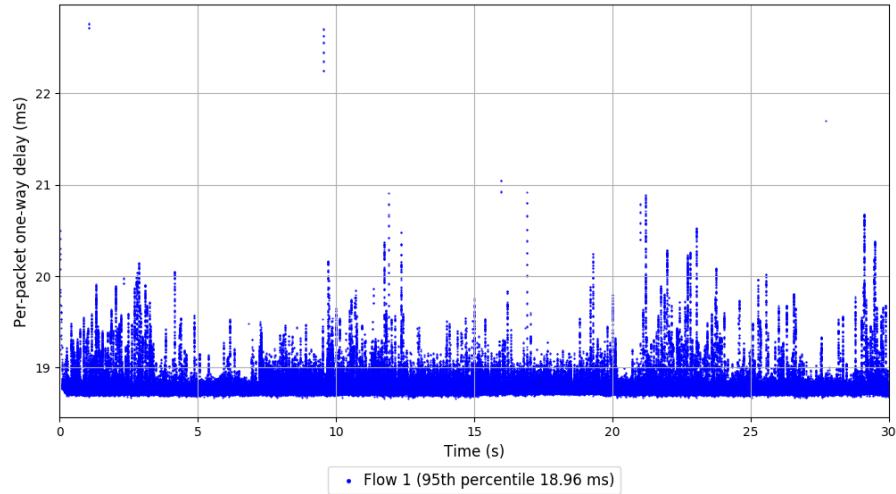
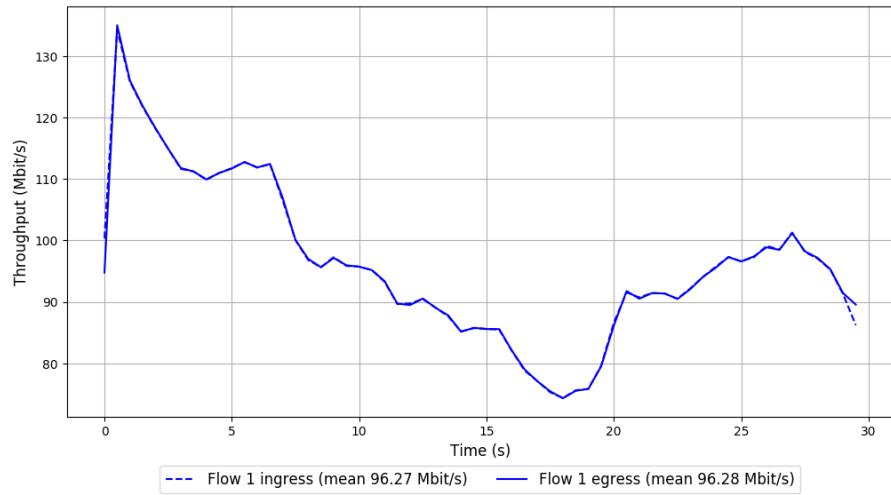


Run 7: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 22:01:28 +0000
End at: Mon, 24 Jul 2017 22:01:58 +0000
Local clock offset: 0.834 ms
Remote clock offset: -2.84 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:21:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 18.959 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 18.959 ms
Loss rate: 0.01%
```

## Run 7: Report of Copa — Data Link

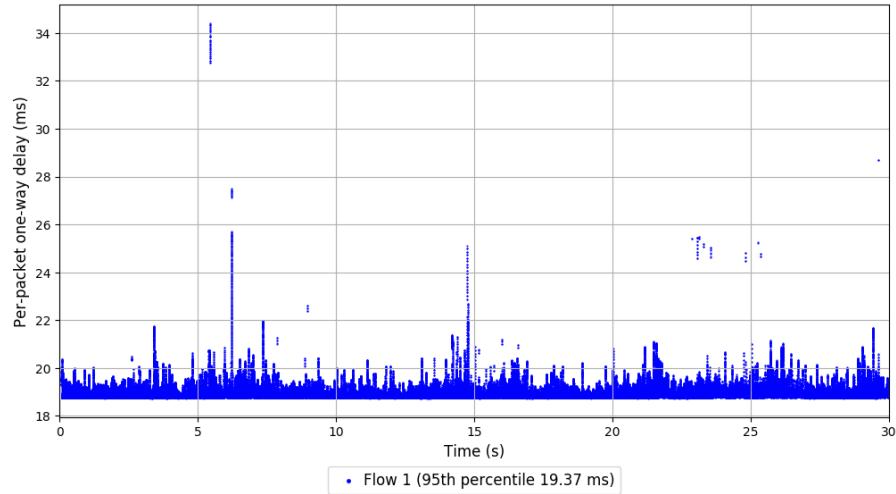
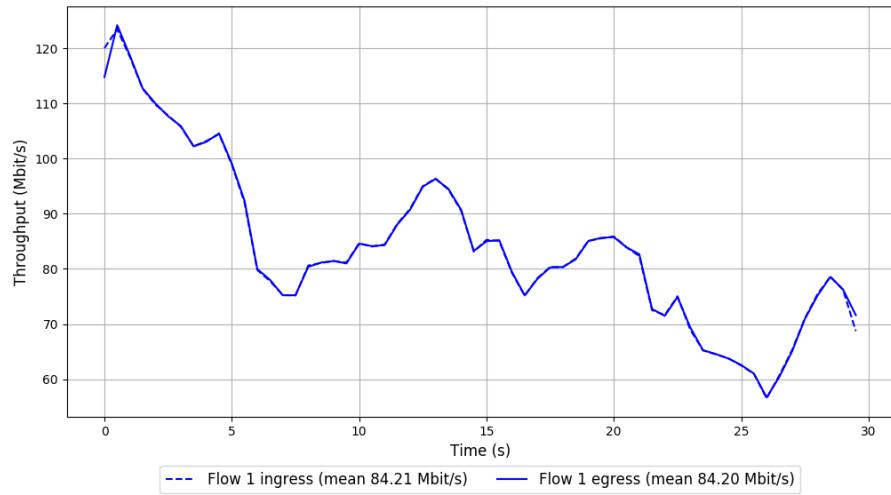


Run 8: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 22:21:37 +0000
End at: Mon, 24 Jul 2017 22:22:07 +0000
Local clock offset: 0.785 ms
Remote clock offset: -2.789 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:22:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 19.374 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 19.374 ms
Loss rate: 0.02%
```

## Run 8: Report of Copa — Data Link

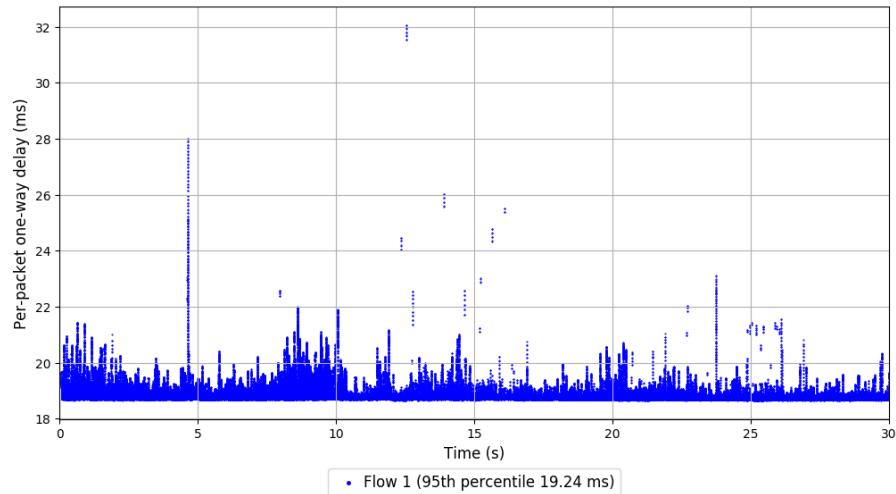
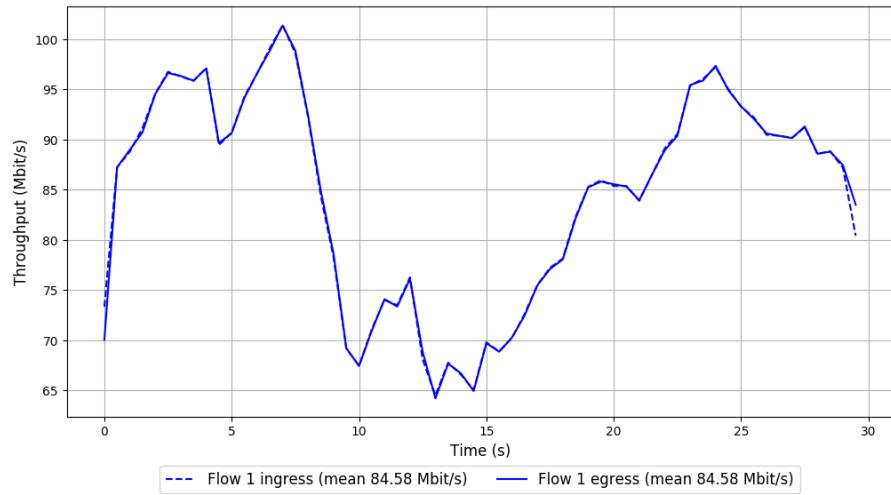


Run 9: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 22:41:47 +0000
End at: Mon, 24 Jul 2017 22:42:17 +0000
Local clock offset: 0.761 ms
Remote clock offset: -2.731 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:22:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.58 Mbit/s
95th percentile per-packet one-way delay: 19.241 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.58 Mbit/s
95th percentile per-packet one-way delay: 19.241 ms
Loss rate: 0.01%
```

## Run 9: Report of Copa — Data Link

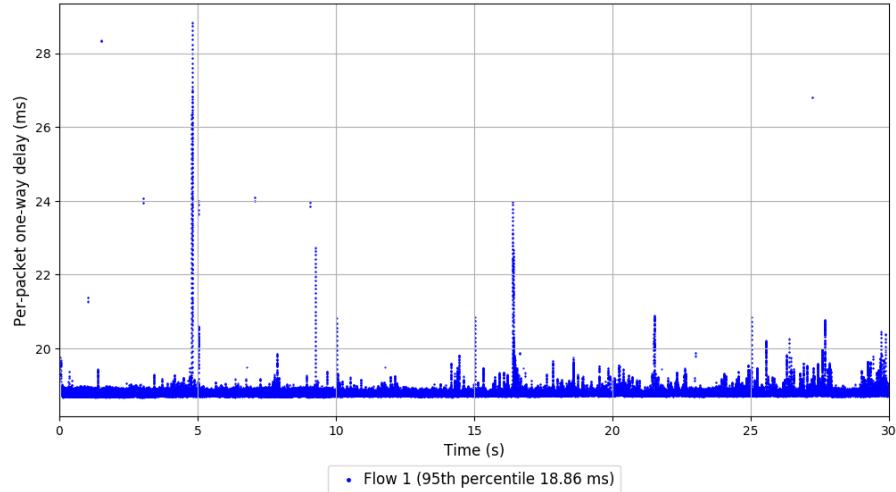
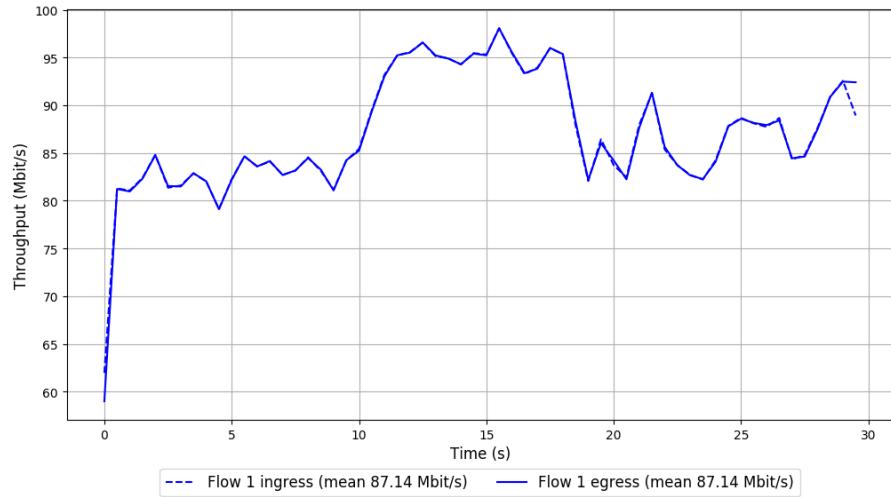


Run 10: Statistics of Copa

```
Start at: Mon, 24 Jul 2017 23:02:05 +0000
End at: Mon, 24 Jul 2017 23:02:35 +0000
Local clock offset: 0.696 ms
Remote clock offset: -2.648 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:22:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.01%
```

## Run 10: Report of Copa — Data Link



```
Run 1: Statistics of TCP Cubic
```

```
Start at: Mon, 24 Jul 2017 20:05:32 +0000
```

```
End at: Mon, 24 Jul 2017 20:06:02 +0000
```

```
Local clock offset: 1.281 ms
```

```
Remote clock offset: -3.605 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:22:35 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 71.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.509 ms
```

```
Loss rate: 0.06%
```

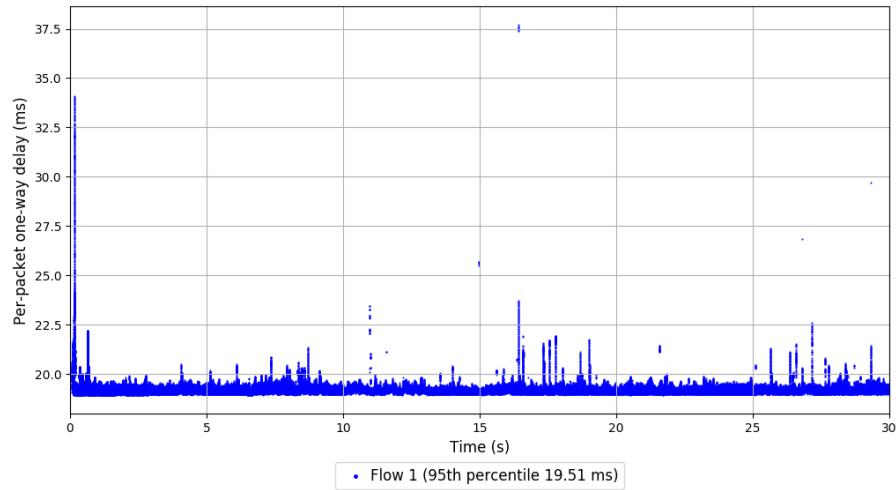
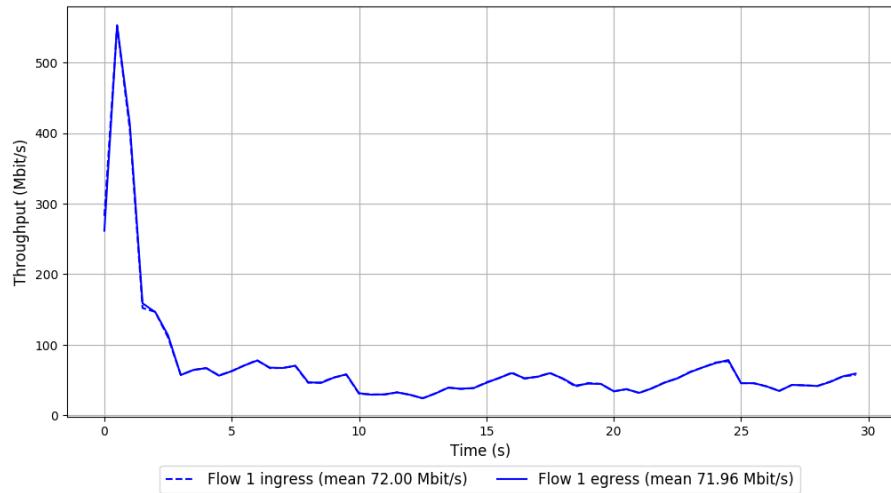
```
-- Flow 1:
```

```
Average throughput: 71.96 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.509 ms
```

```
Loss rate: 0.06%
```

## Run 1: Report of TCP Cubic — Data Link

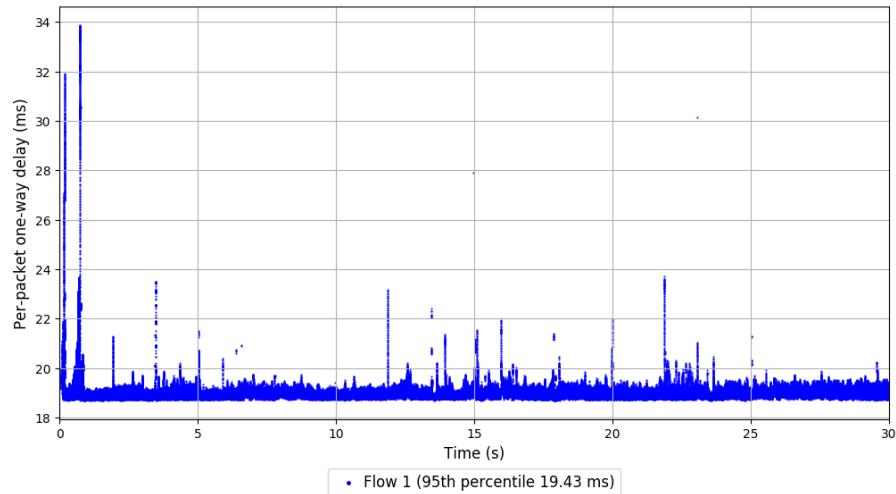
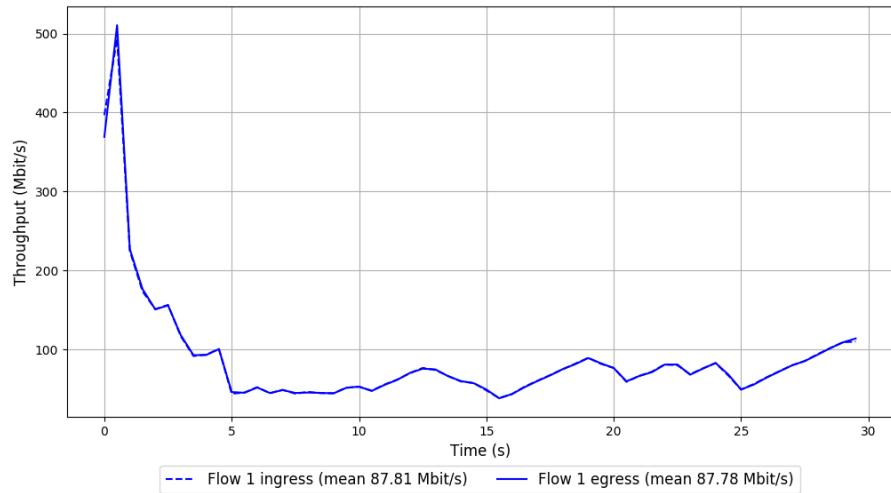


Run 2: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 20:25:25 +0000
End at: Mon, 24 Jul 2017 20:25:55 +0000
Local clock offset: 0.995 ms
Remote clock offset: -3.478 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:22:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.78 Mbit/s
95th percentile per-packet one-way delay: 19.426 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 87.78 Mbit/s
95th percentile per-packet one-way delay: 19.426 ms
Loss rate: 0.03%
```

## Run 2: Report of TCP Cubic — Data Link

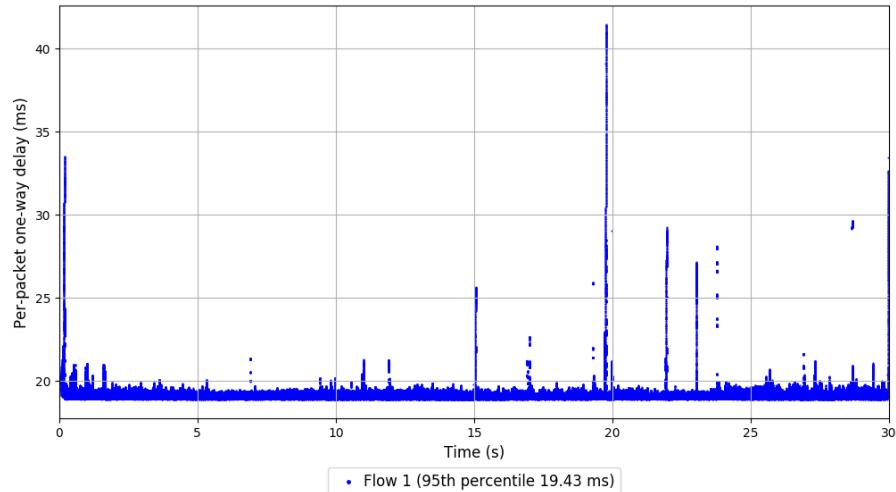
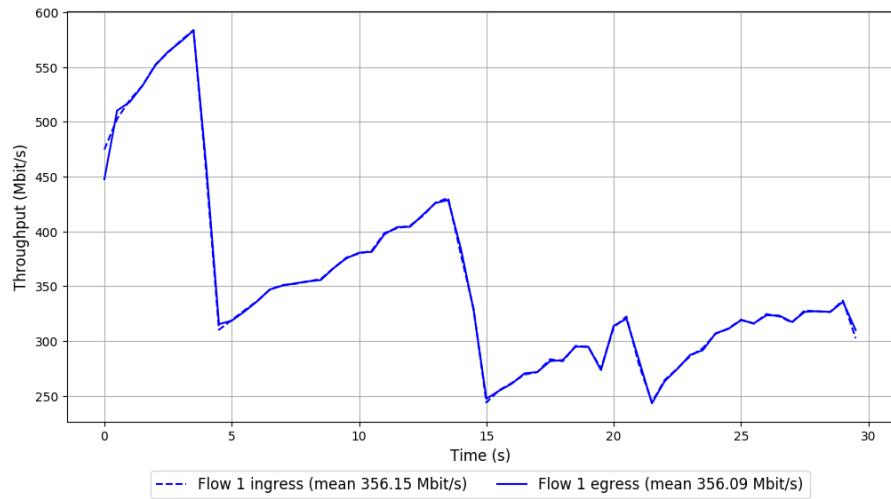


Run 3: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 20:45:21 +0000
End at: Mon, 24 Jul 2017 20:45:51 +0000
Local clock offset: 1.033 ms
Remote clock offset: -2.877 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:23:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 356.09 Mbit/s
95th percentile per-packet one-way delay: 19.428 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 356.09 Mbit/s
95th percentile per-packet one-way delay: 19.428 ms
Loss rate: 0.03%
```

### Run 3: Report of TCP Cubic — Data Link

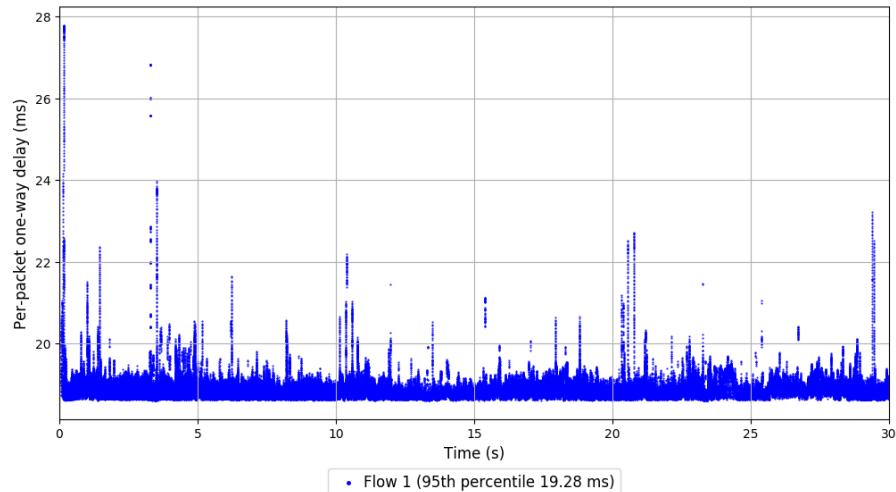
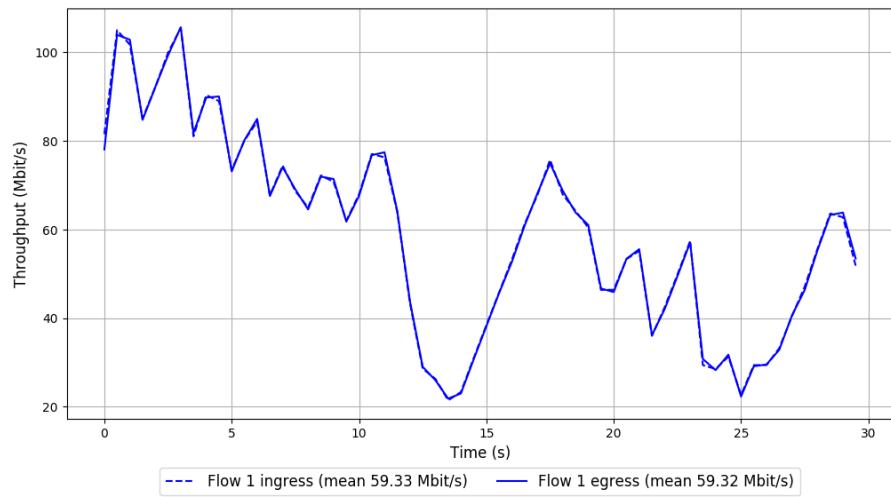


Run 4: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 21:05:39 +0000
End at: Mon, 24 Jul 2017 21:06:09 +0000
Local clock offset: 0.914 ms
Remote clock offset: -2.831 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:23:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.32 Mbit/s
95th percentile per-packet one-way delay: 19.280 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 59.32 Mbit/s
95th percentile per-packet one-way delay: 19.280 ms
Loss rate: 0.03%
```

## Run 4: Report of TCP Cubic — Data Link

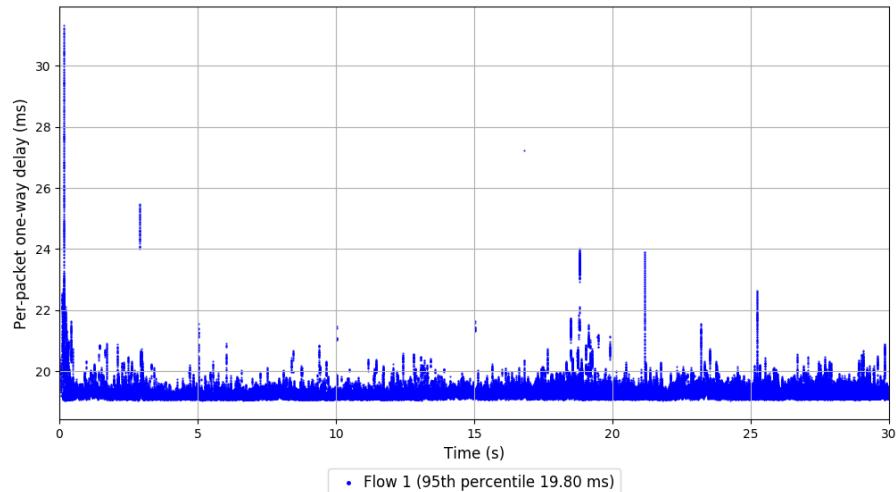
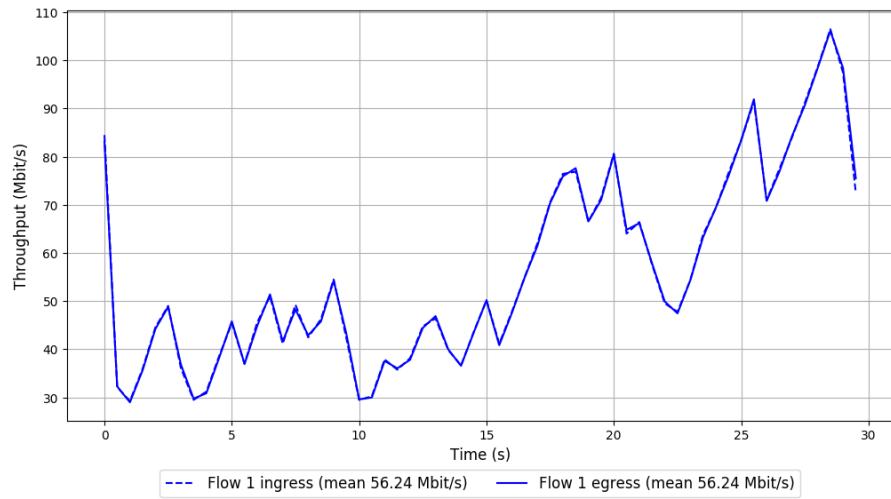


Run 5: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 21:25:29 +0000
End at: Mon, 24 Jul 2017 21:25:59 +0000
Local clock offset: 0.639 ms
Remote clock offset: -2.59 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:23:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.24 Mbit/s
95th percentile per-packet one-way delay: 19.801 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 56.24 Mbit/s
95th percentile per-packet one-way delay: 19.801 ms
Loss rate: 0.04%
```

### Run 5: Report of TCP Cubic — Data Link

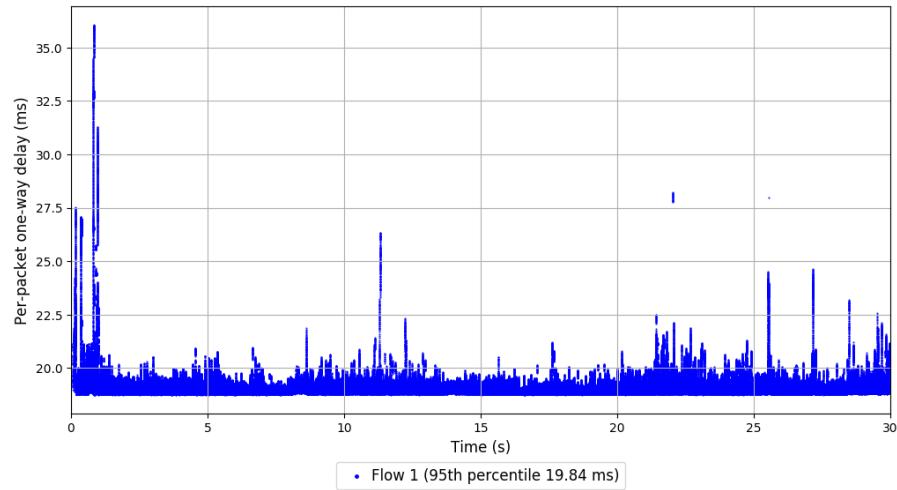
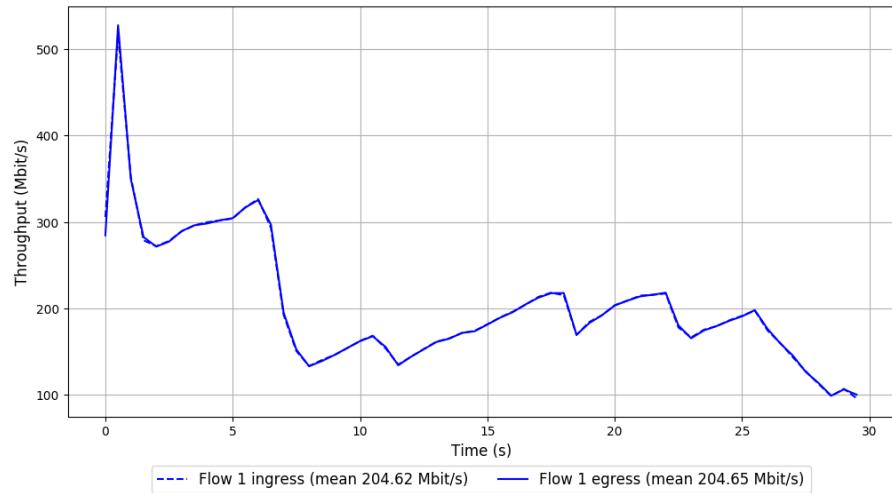


Run 6: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 21:45:30 +0000
End at: Mon, 24 Jul 2017 21:46:00 +0000
Local clock offset: 0.795 ms
Remote clock offset: -2.815 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:23:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 204.65 Mbit/s
95th percentile per-packet one-way delay: 19.839 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 204.65 Mbit/s
95th percentile per-packet one-way delay: 19.839 ms
Loss rate: 0.01%
```

## Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 22:05:42 +0000

End at: Mon, 24 Jul 2017 22:06:12 +0000

Local clock offset: 0.797 ms

Remote clock offset: -2.781 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:23:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 134.74 Mbit/s

95th percentile per-packet one-way delay: 19.842 ms

Loss rate: 0.01%

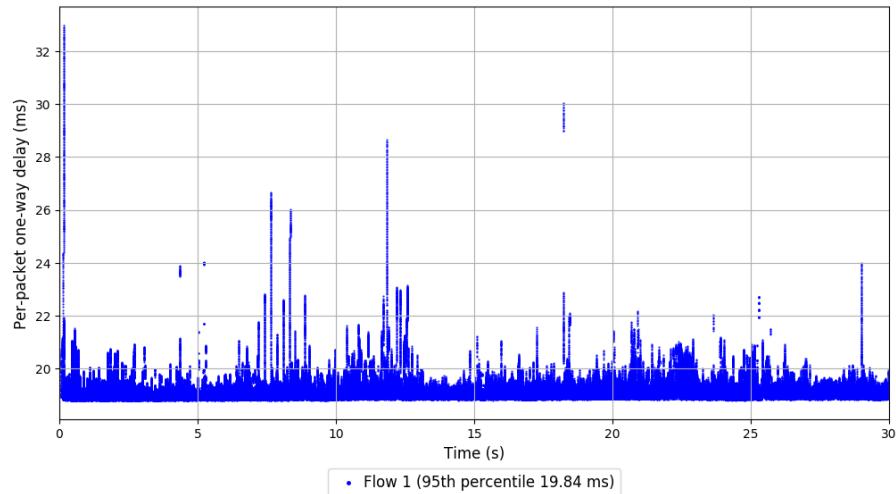
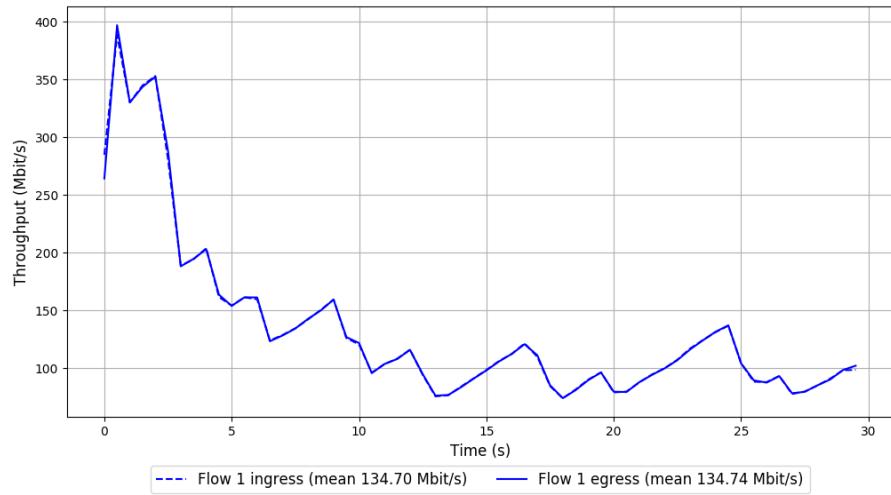
-- Flow 1:

Average throughput: 134.74 Mbit/s

95th percentile per-packet one-way delay: 19.842 ms

Loss rate: 0.01%

### Run 7: Report of TCP Cubic — Data Link

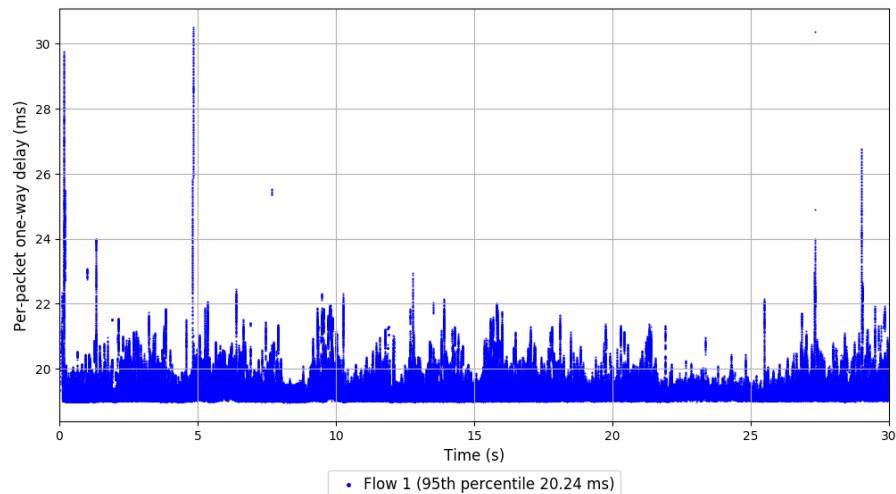
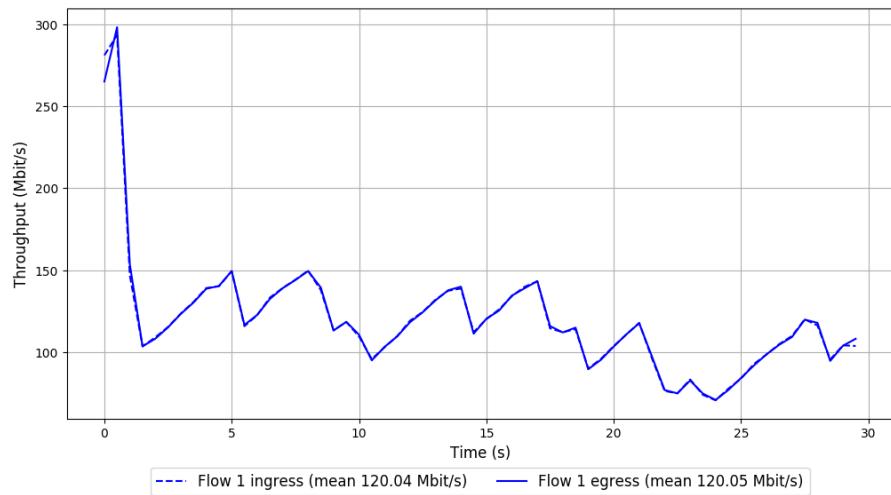


Run 8: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 22:25:55 +0000
End at: Mon, 24 Jul 2017 22:26:25 +0000
Local clock offset: 0.825 ms
Remote clock offset: -2.755 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:23:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 120.05 Mbit/s
95th percentile per-packet one-way delay: 20.240 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 120.05 Mbit/s
95th percentile per-packet one-way delay: 20.240 ms
Loss rate: 0.02%
```

### Run 8: Report of TCP Cubic — Data Link

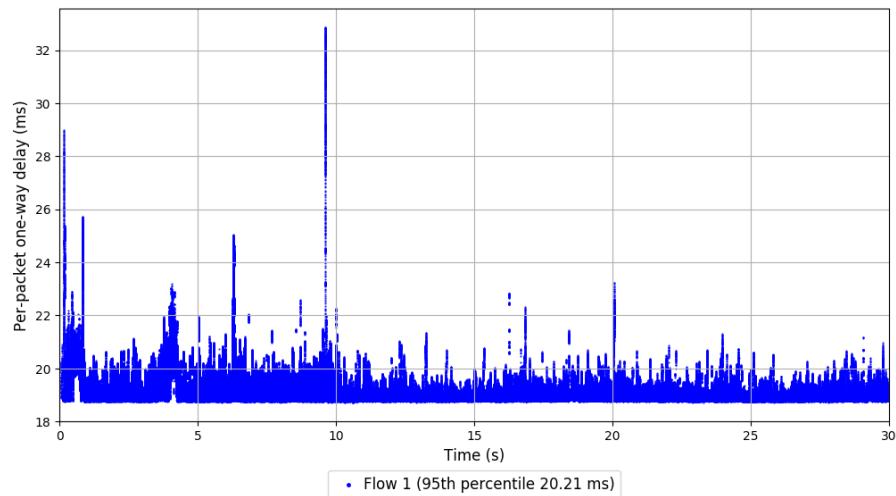
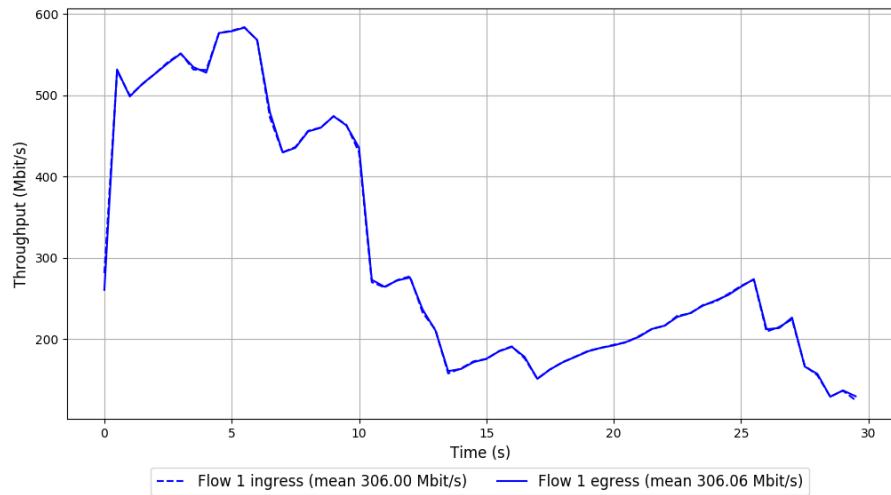


Run 9: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 22:46:01 +0000
End at: Mon, 24 Jul 2017 22:46:31 +0000
Local clock offset: 0.683 ms
Remote clock offset: -2.702 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 306.06 Mbit/s
95th percentile per-packet one-way delay: 20.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 306.06 Mbit/s
95th percentile per-packet one-way delay: 20.211 ms
Loss rate: 0.00%
```

### Run 9: Report of TCP Cubic — Data Link

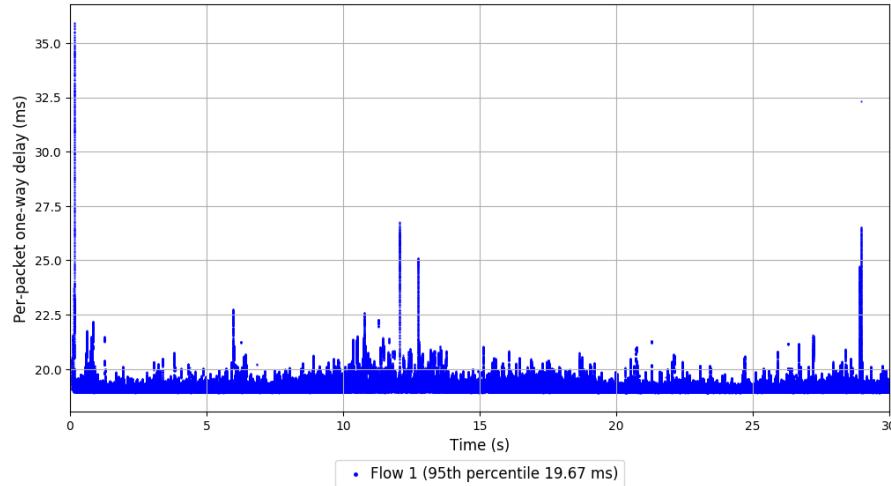
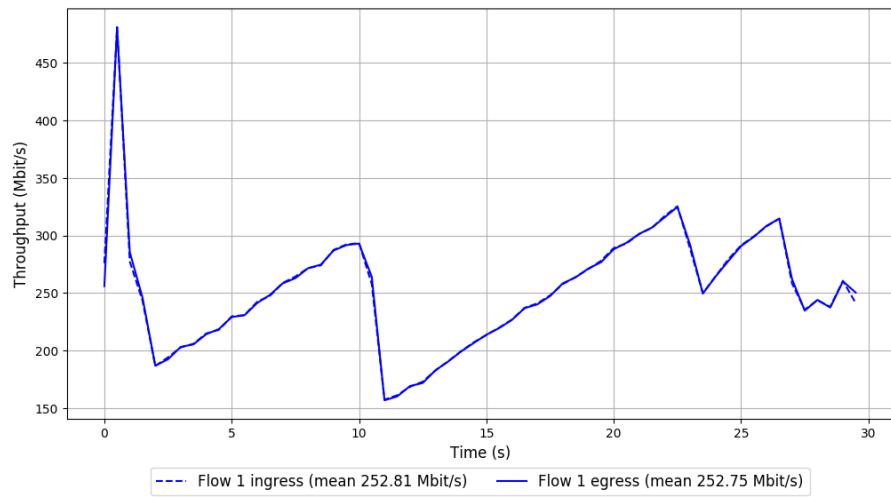


Run 10: Statistics of TCP Cubic

```
Start at: Mon, 24 Jul 2017 23:06:26 +0000
End at: Mon, 24 Jul 2017 23:06:56 +0000
Local clock offset: 0.696 ms
Remote clock offset: -2.714 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 252.75 Mbit/s
95th percentile per-packet one-way delay: 19.673 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 252.75 Mbit/s
95th percentile per-packet one-way delay: 19.673 ms
Loss rate: 0.02%
```

### Run 10: Report of TCP Cubic — Data Link



```
Run 1: Statistics of KohoCC
```

```
Start at: Mon, 24 Jul 2017 20:17:15 +0000
```

```
End at: Mon, 24 Jul 2017 20:17:45 +0000
```

```
Local clock offset: 1.113 ms
```

```
Remote clock offset: -3.496 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:21 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 58.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.496 ms
```

```
Loss rate: 0.05%
```

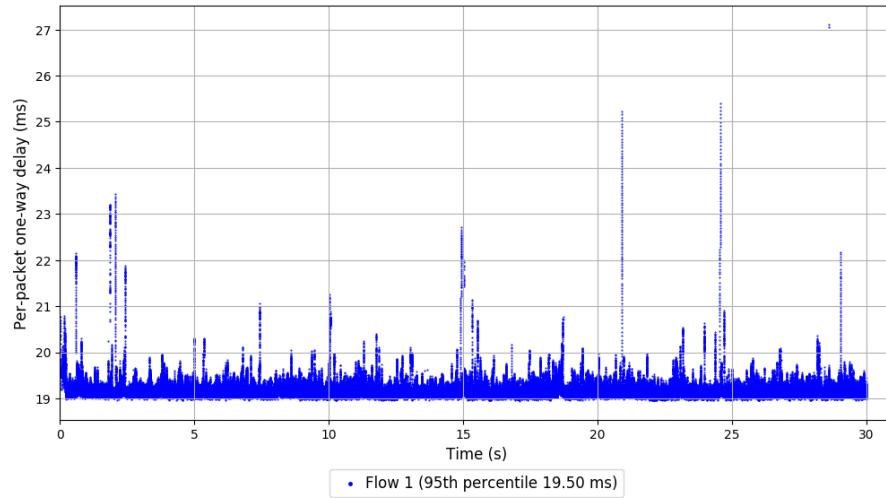
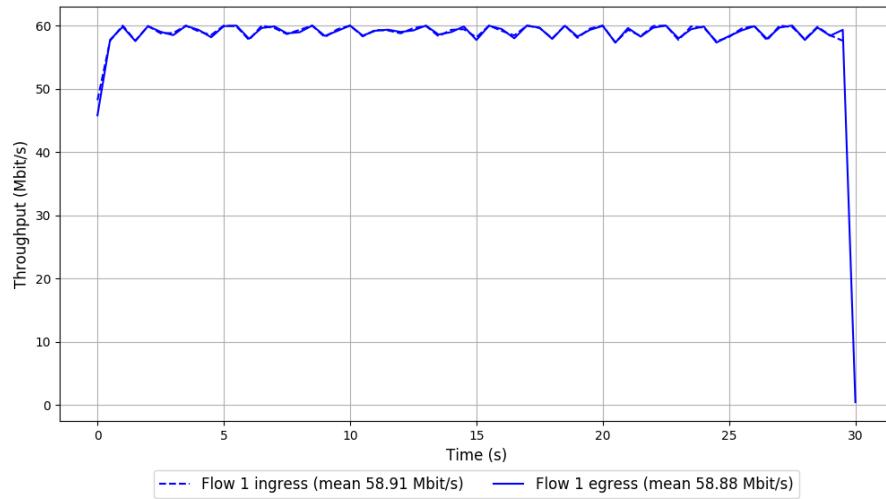
```
-- Flow 1:
```

```
Average throughput: 58.88 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.496 ms
```

```
Loss rate: 0.05%
```

## Run 1: Report of KohoCC — Data Link

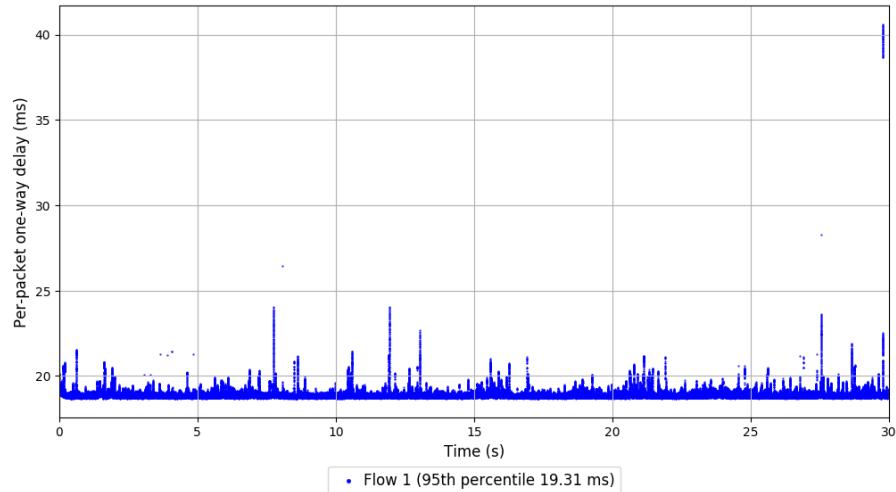
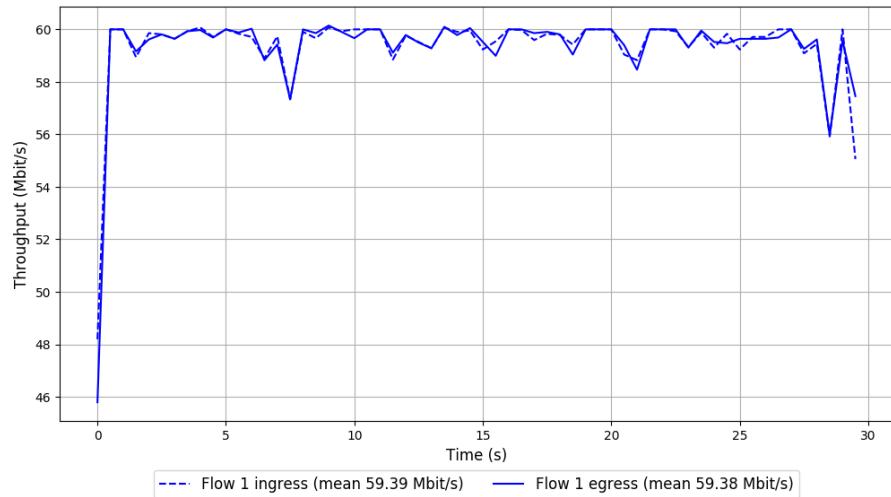


Run 2: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 20:37:03 +0000
End at: Mon, 24 Jul 2017 20:37:33 +0000
Local clock offset: 0.941 ms
Remote clock offset: -3.206 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: 19.308 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: 19.308 ms
Loss rate: 0.01%
```

## Run 2: Report of KohoCC — Data Link

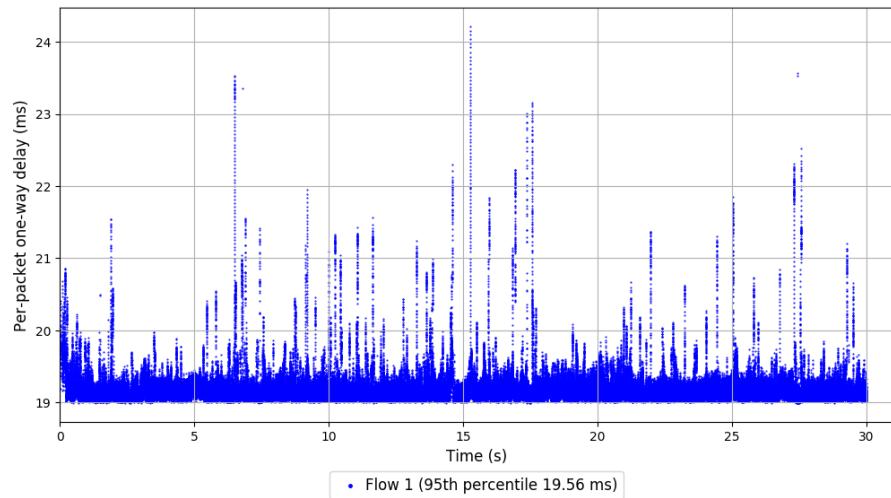
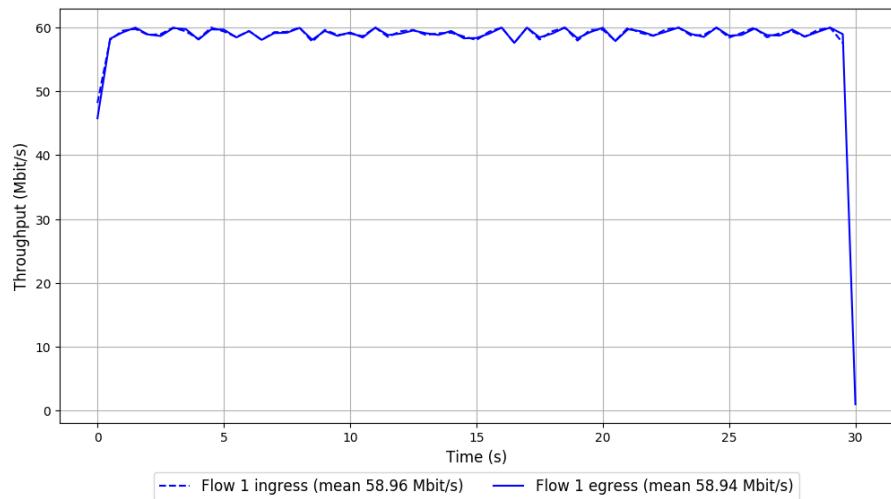


Run 3: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 20:57:24 +0000
End at: Mon, 24 Jul 2017 20:57:54 +0000
Local clock offset: 0.919 ms
Remote clock offset: -2.74 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 19.556 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 58.94 Mbit/s
95th percentile per-packet one-way delay: 19.556 ms
Loss rate: 0.03%
```

### Run 3: Report of KohoCC — Data Link

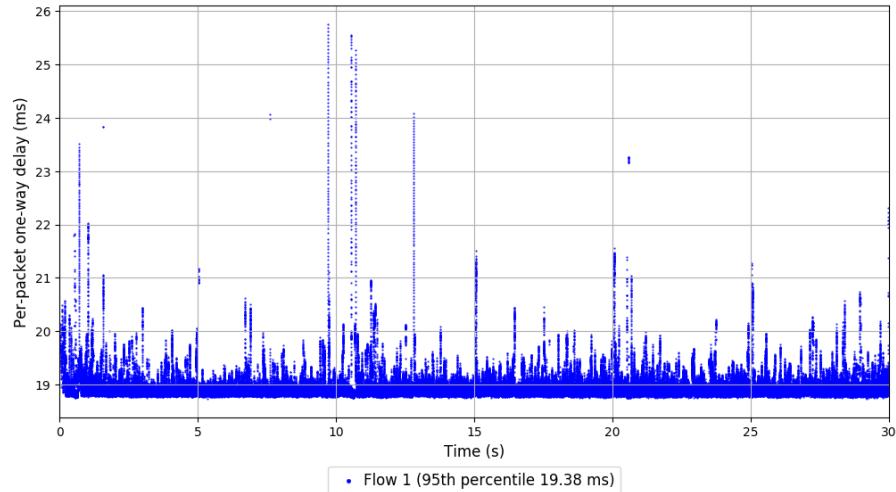
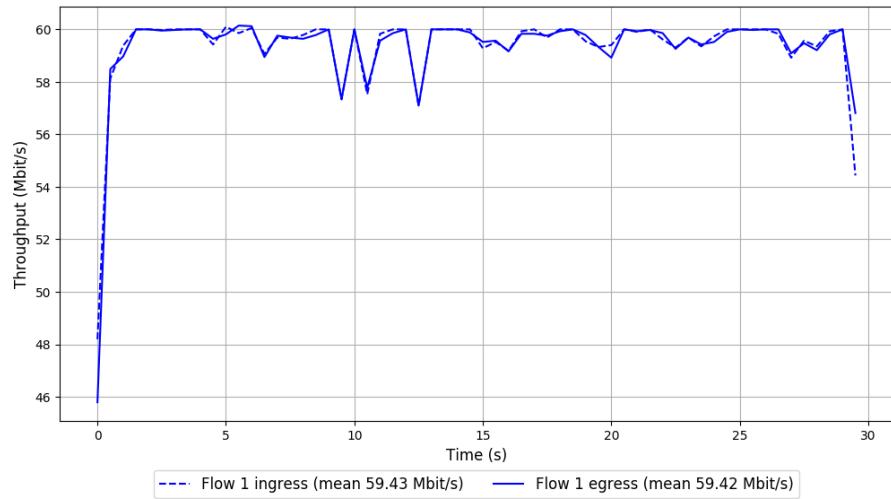


Run 4: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 21:17:21 +0000
End at: Mon, 24 Jul 2017 21:17:51 +0000
Local clock offset: 0.694 ms
Remote clock offset: -2.65 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 19.380 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 19.380 ms
Loss rate: 0.02%
```

## Run 4: Report of KohoCC — Data Link

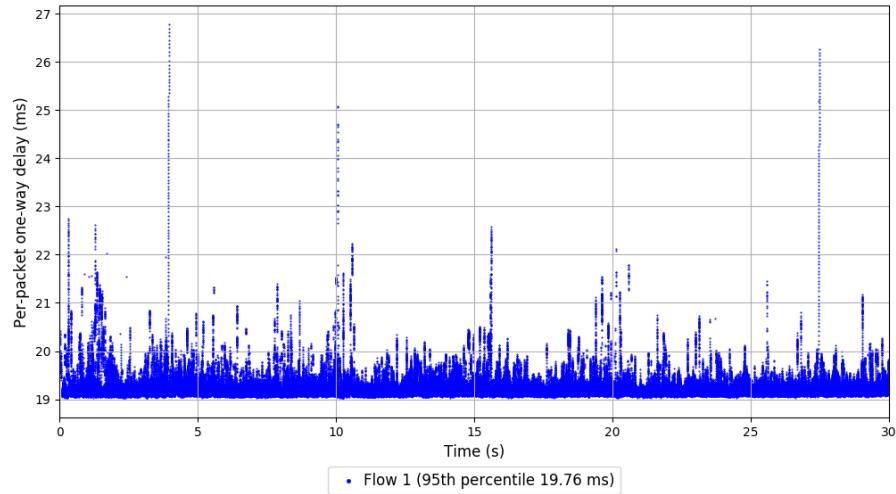
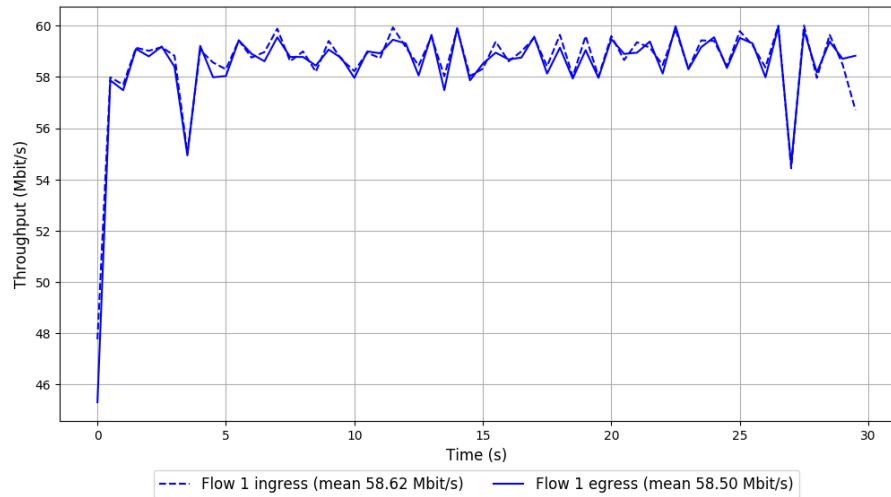


Run 5: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 21:37:12 +0000
End at: Mon, 24 Jul 2017 21:37:42 +0000
Local clock offset: 0.737 ms
Remote clock offset: -2.82 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 19.761 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 19.761 ms
Loss rate: 0.20%
```

## Run 5: Report of KohoCC — Data Link

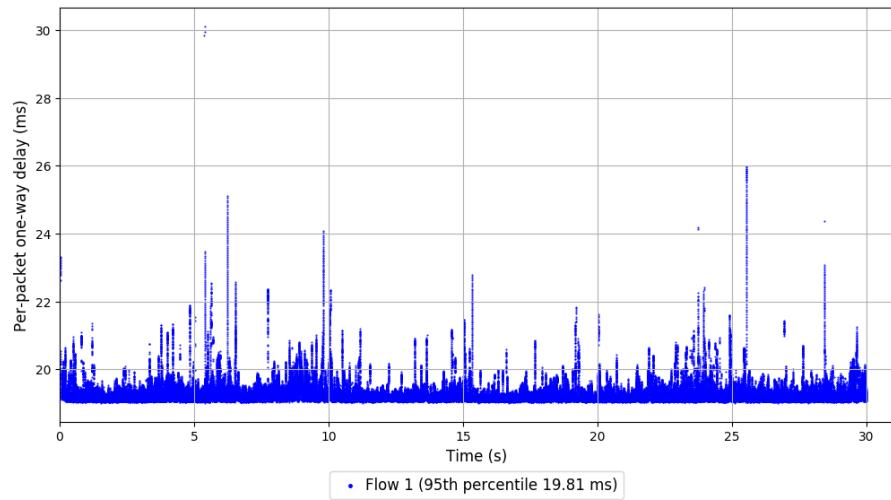
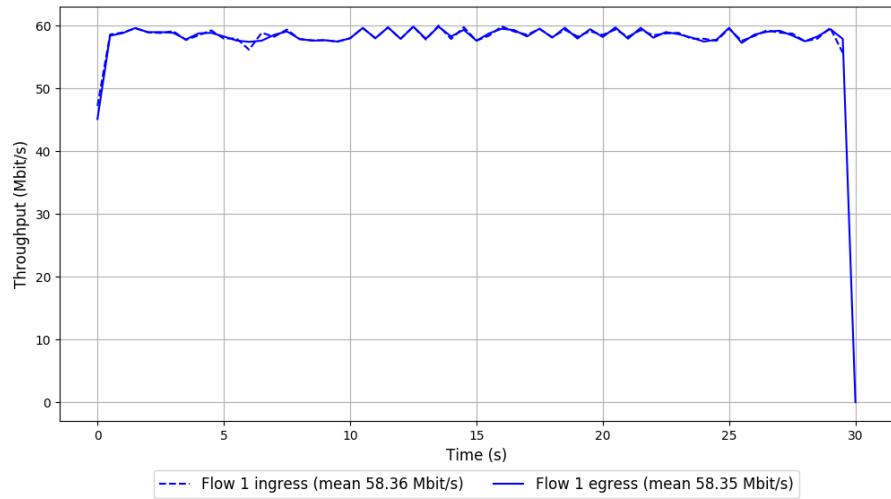


Run 6: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 21:57:24 +0000
End at: Mon, 24 Jul 2017 21:57:55 +0000
Local clock offset: 0.913 ms
Remote clock offset: -2.765 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 19.813 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 19.813 ms
Loss rate: 0.01%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 22:17:34 +0000

End at: Mon, 24 Jul 2017 22:18:04 +0000

Local clock offset: 0.803 ms

Remote clock offset: -2.763 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.62 Mbit/s

95th percentile per-packet one-way delay: 20.500 ms

Loss rate: 0.00%

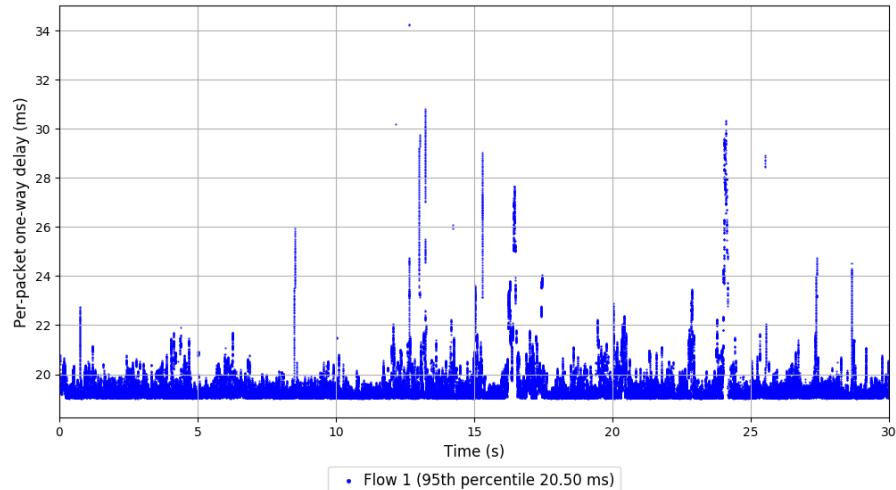
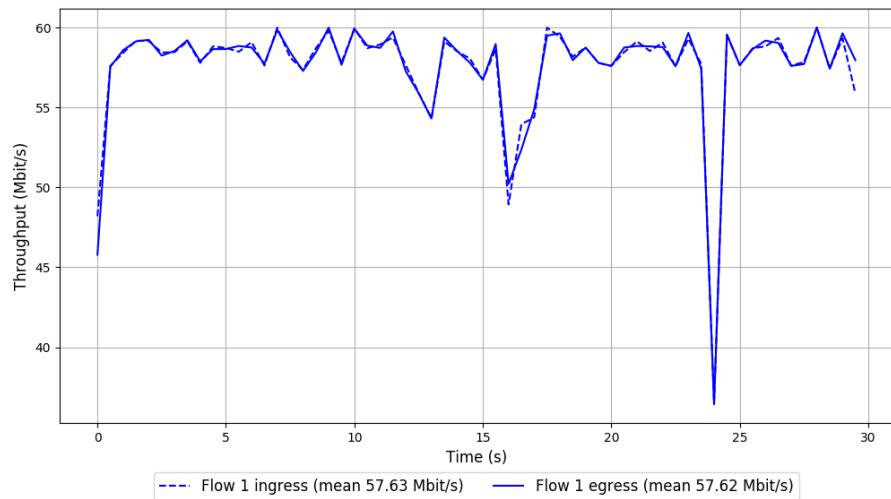
-- Flow 1:

Average throughput: 57.62 Mbit/s

95th percentile per-packet one-way delay: 20.500 ms

Loss rate: 0.00%

## Run 7: Report of KohoCC — Data Link

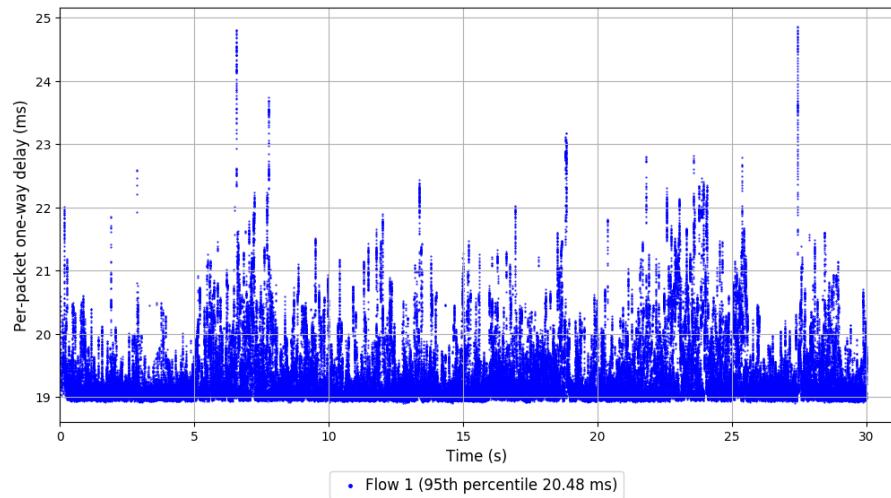
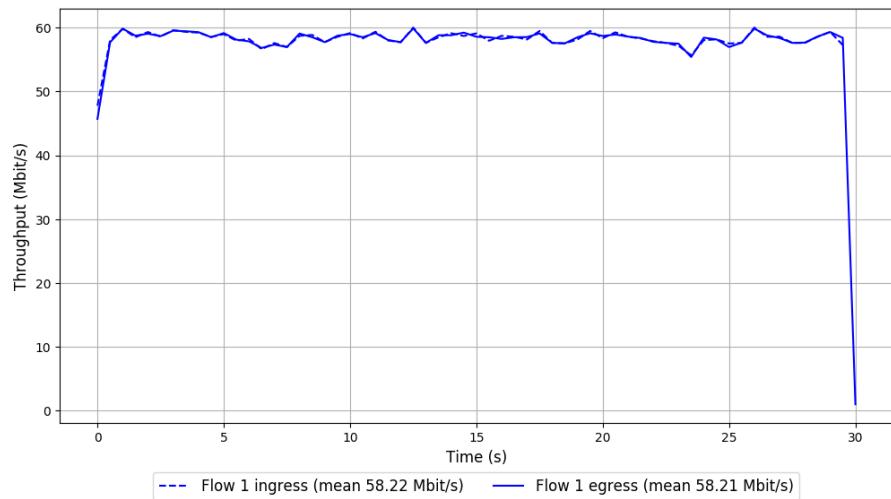


Run 8: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 22:37:44 +0000
End at: Mon, 24 Jul 2017 22:38:14 +0000
Local clock offset: 0.735 ms
Remote clock offset: -2.792 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 20.482 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 20.482 ms
Loss rate: 0.01%
```

Run 8: Report of KohoCC — Data Link

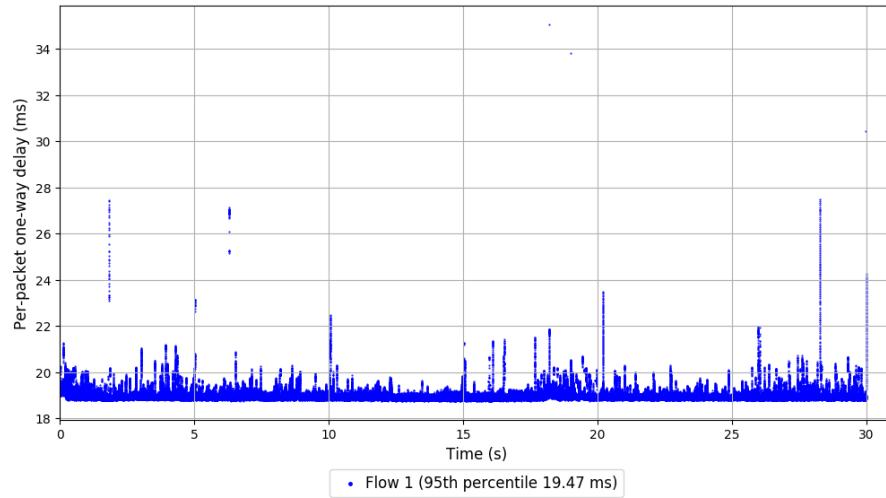
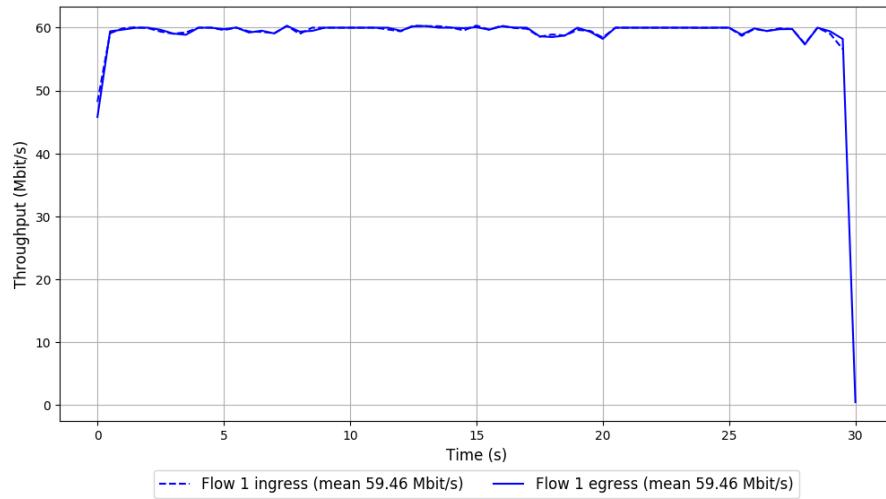


Run 9: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 22:58:01 +0000
End at: Mon, 24 Jul 2017 22:58:31 +0000
Local clock offset: 0.587 ms
Remote clock offset: -2.652 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:24:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 19.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 19.473 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

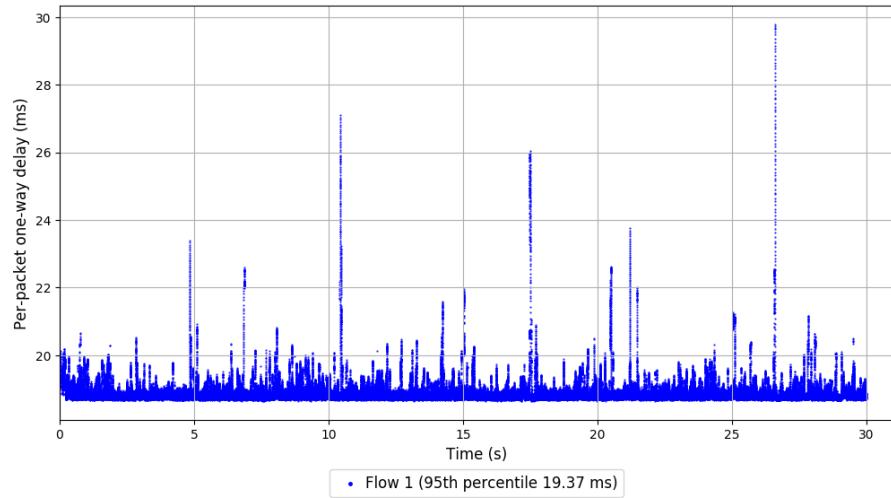
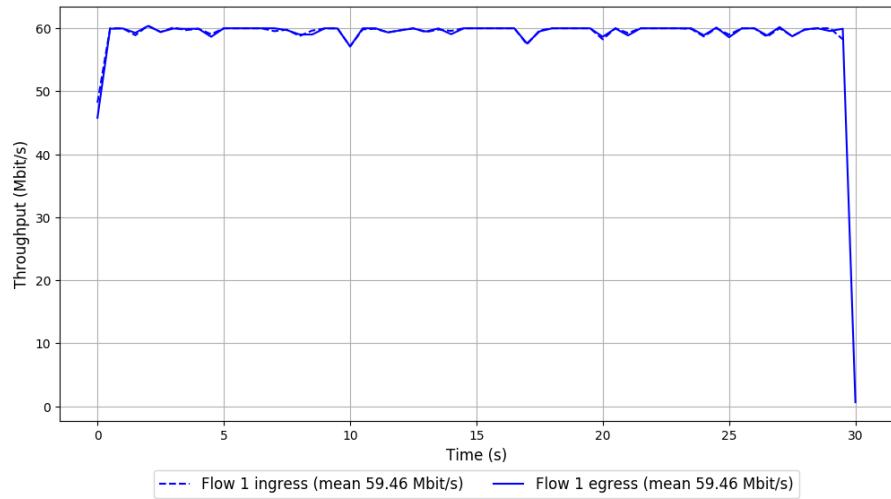


Run 10: Statistics of KohoCC

```
Start at: Mon, 24 Jul 2017 23:18:29 +0000
End at: Mon, 24 Jul 2017 23:18:59 +0000
Local clock offset: 0.586 ms
Remote clock offset: -2.767 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:25:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 19.366 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.46 Mbit/s
95th percentile per-packet one-way delay: 19.366 ms
Loss rate: 0.01%
```

## Run 10: Report of KohoCC — Data Link

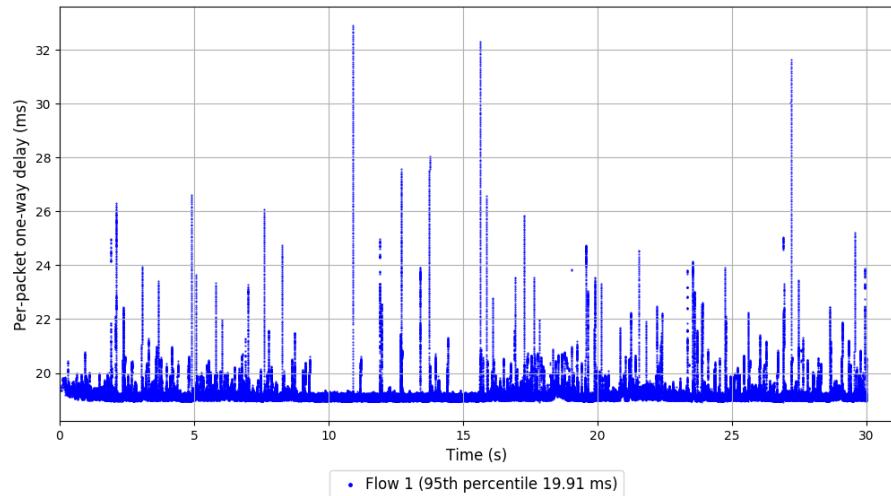
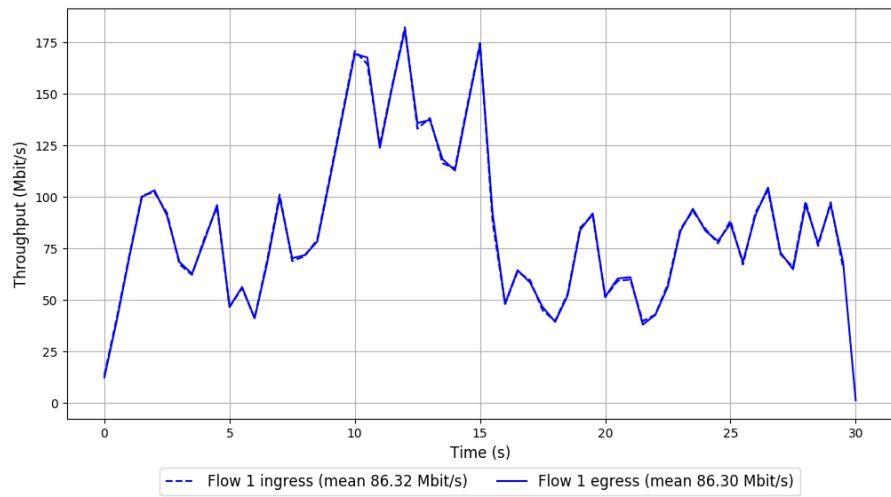


Run 1: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 20:04:17 +0000
End at: Mon, 24 Jul 2017 20:04:47 +0000
Local clock offset: 1.171 ms
Remote clock offset: -3.681 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:25:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 19.910 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 19.910 ms
Loss rate: 0.03%
```

Run 1: Report of LEDBAT — Data Link

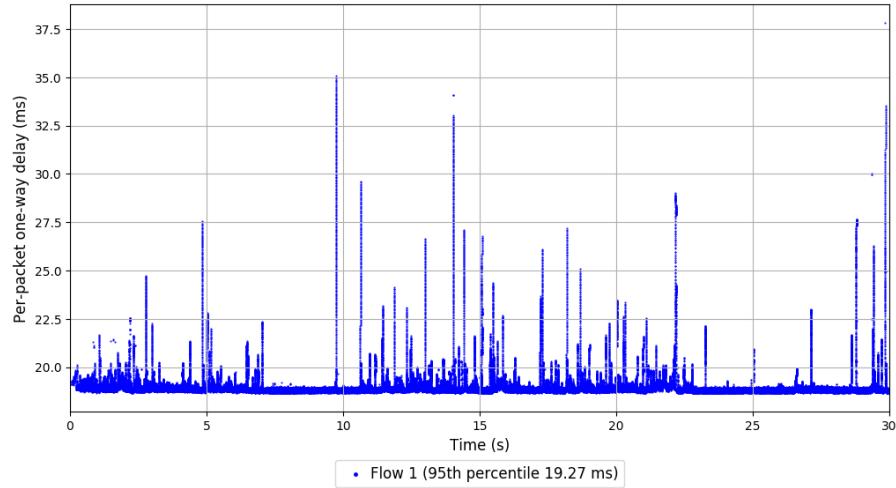
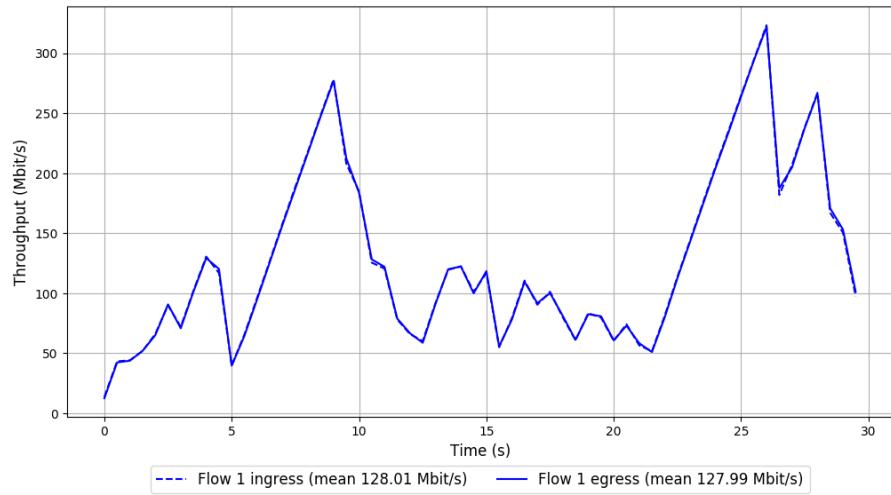


Run 2: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 20:24:07 +0000
End at: Mon, 24 Jul 2017 20:24:37 +0000
Local clock offset: 1.034 ms
Remote clock offset: -3.489 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:25:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 127.99 Mbit/s
95th percentile per-packet one-way delay: 19.274 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 127.99 Mbit/s
95th percentile per-packet one-way delay: 19.274 ms
Loss rate: 0.02%
```

Run 2: Report of LEDBAT — Data Link

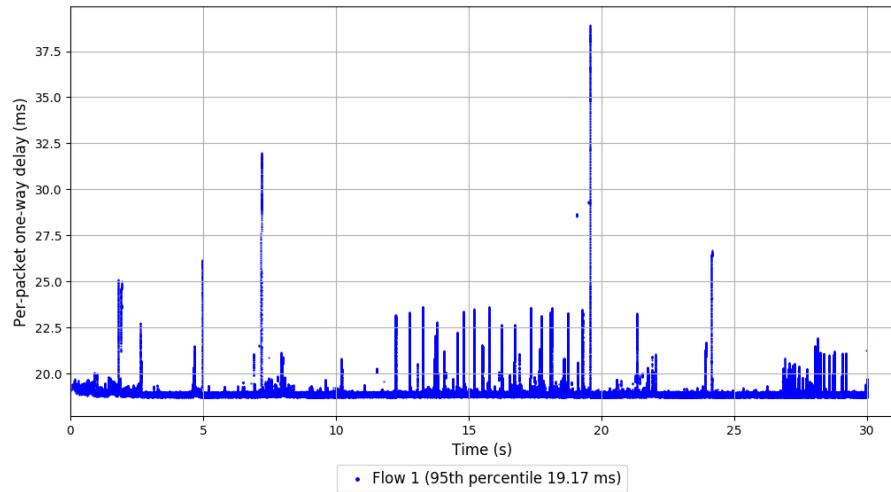
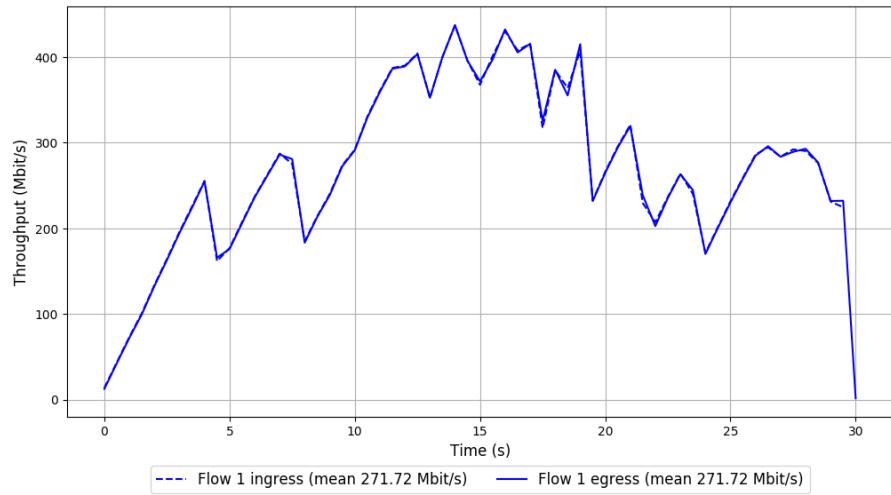


Run 3: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 20:43:54 +0000
End at: Mon, 24 Jul 2017 20:44:24 +0000
Local clock offset: 0.936 ms
Remote clock offset: -2.997 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:25:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 271.72 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 271.72 Mbit/s
95th percentile per-packet one-way delay: 19.166 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

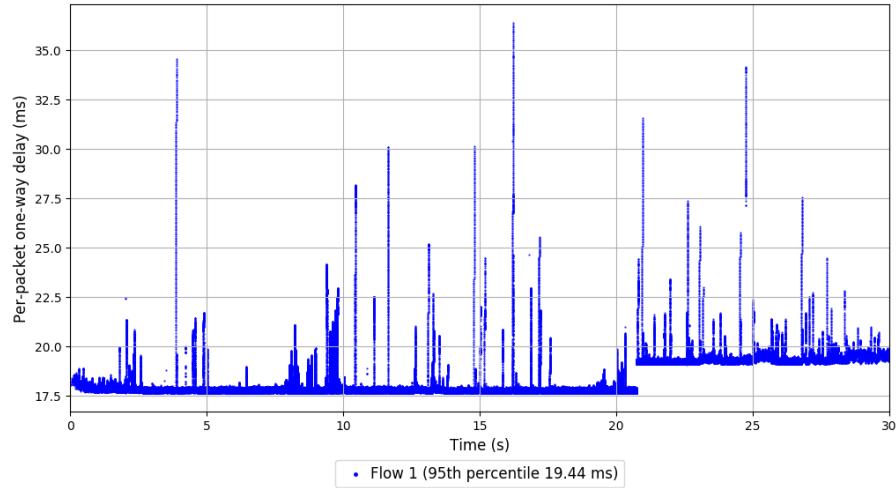
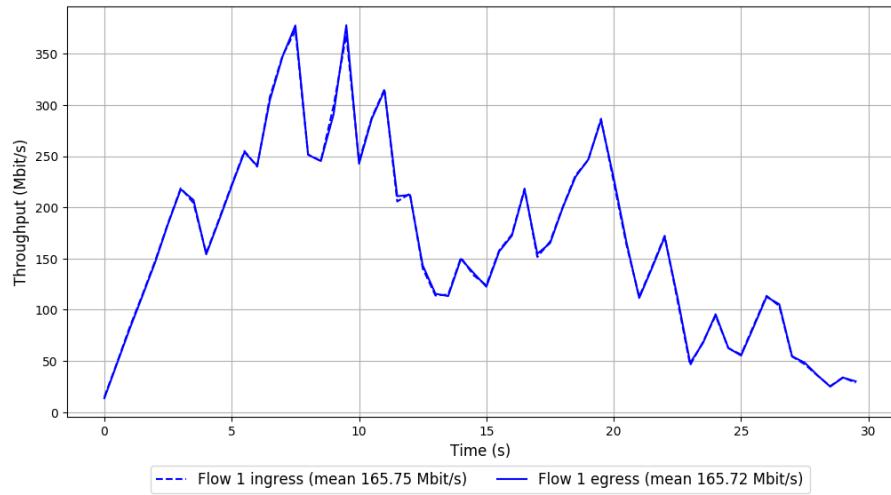


Run 4: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 21:04:18 +0000
End at: Mon, 24 Jul 2017 21:04:48 +0000
Local clock offset: 0.864 ms
Remote clock offset: -2.791 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:25:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 165.72 Mbit/s
95th percentile per-packet one-way delay: 19.437 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 165.72 Mbit/s
95th percentile per-packet one-way delay: 19.437 ms
Loss rate: 0.01%
```

Run 4: Report of LEDBAT — Data Link

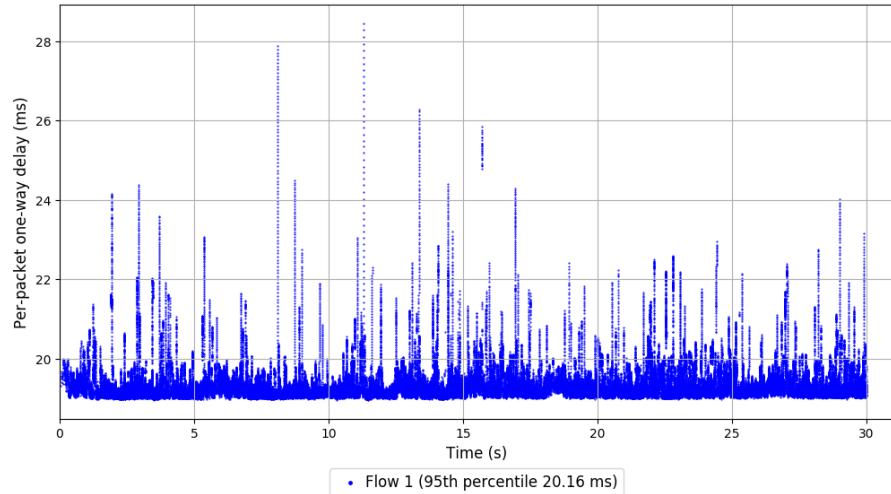
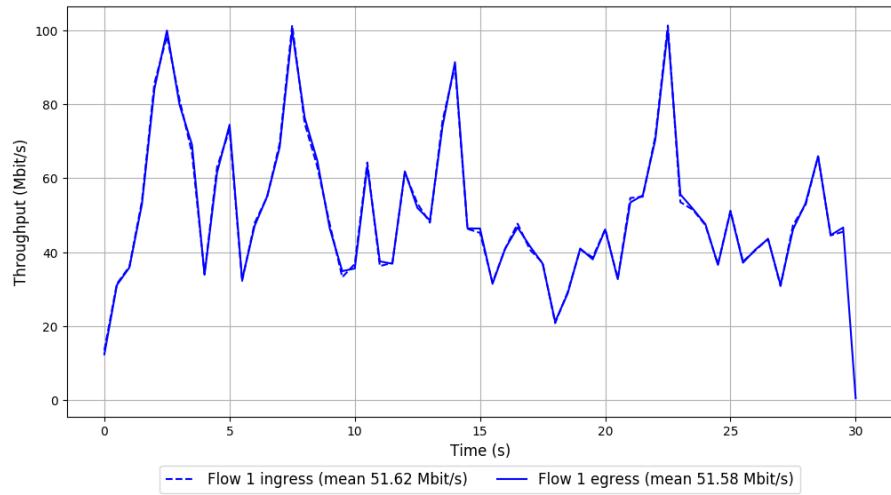


Run 5: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 21:24:16 +0000
End at: Mon, 24 Jul 2017 21:24:46 +0000
Local clock offset: 0.656 ms
Remote clock offset: -2.608 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:25:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 20.160 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 20.160 ms
Loss rate: 0.08%
```

Run 5: Report of LEDBAT — Data Link

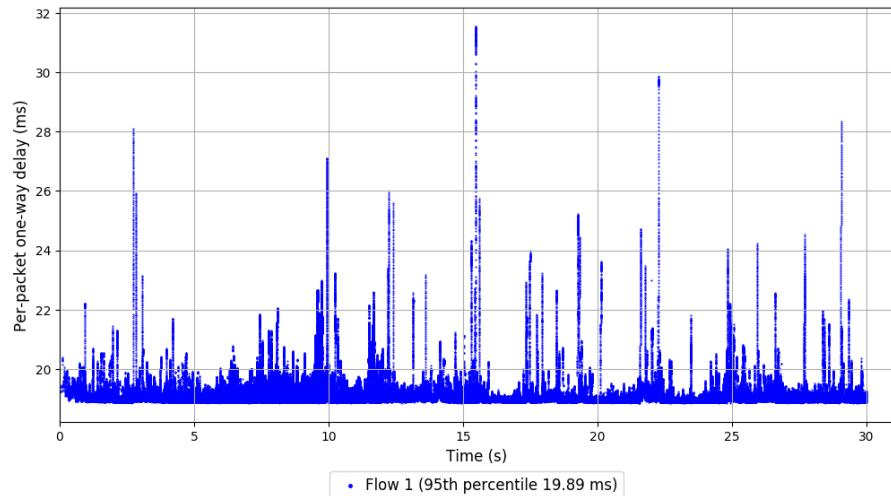
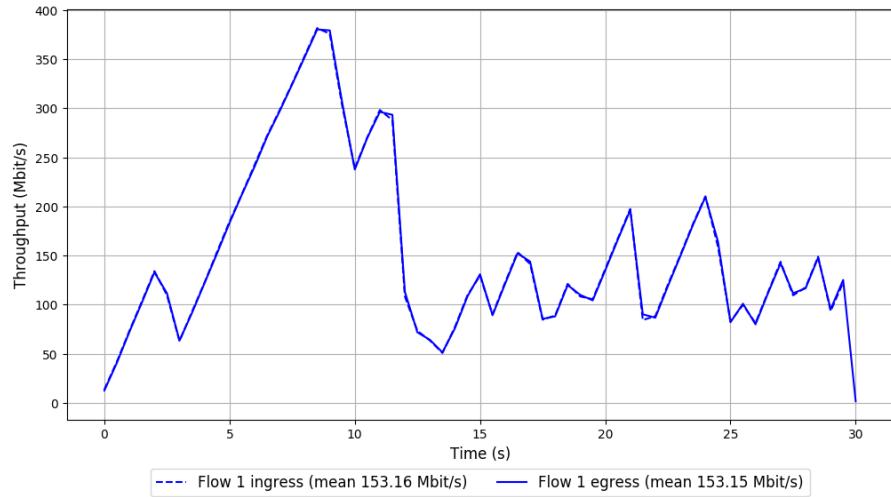


Run 6: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 21:44:10 +0000
End at: Mon, 24 Jul 2017 21:44:40 +0000
Local clock offset: 0.784 ms
Remote clock offset: -2.714 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:26:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 153.15 Mbit/s
95th percentile per-packet one-way delay: 19.886 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 153.15 Mbit/s
95th percentile per-packet one-way delay: 19.886 ms
Loss rate: 0.01%
```

## Run 6: Report of LEDBAT — Data Link

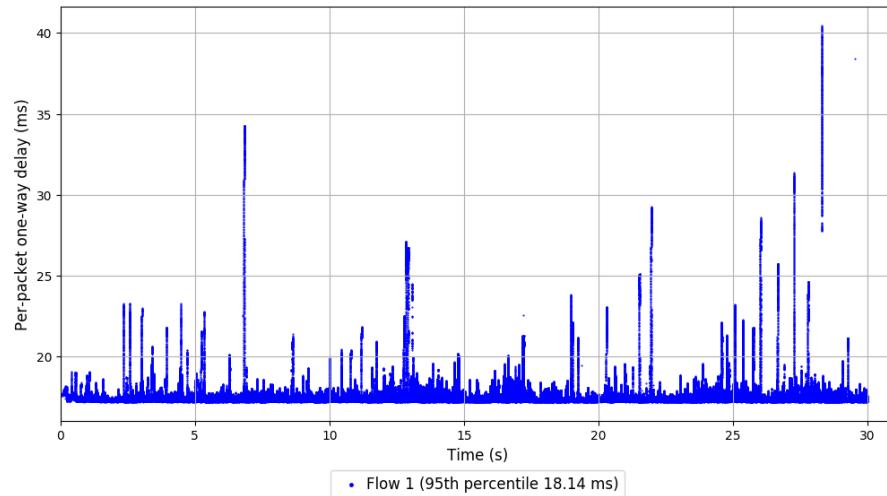
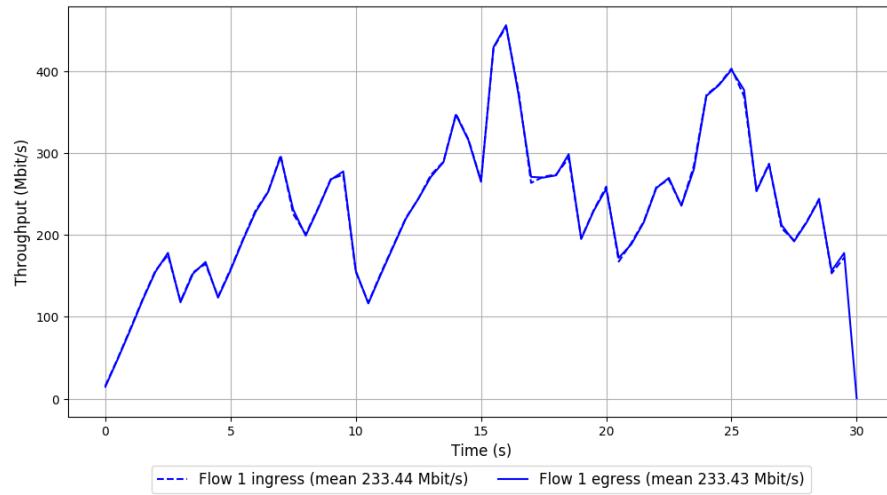


Run 7: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 22:04:17 +0000
End at: Mon, 24 Jul 2017 22:04:47 +0000
Local clock offset: 0.879 ms
Remote clock offset: -2.849 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:26:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 233.43 Mbit/s
95th percentile per-packet one-way delay: 18.137 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 233.43 Mbit/s
95th percentile per-packet one-way delay: 18.137 ms
Loss rate: 0.01%
```

Run 7: Report of LEDBAT — Data Link

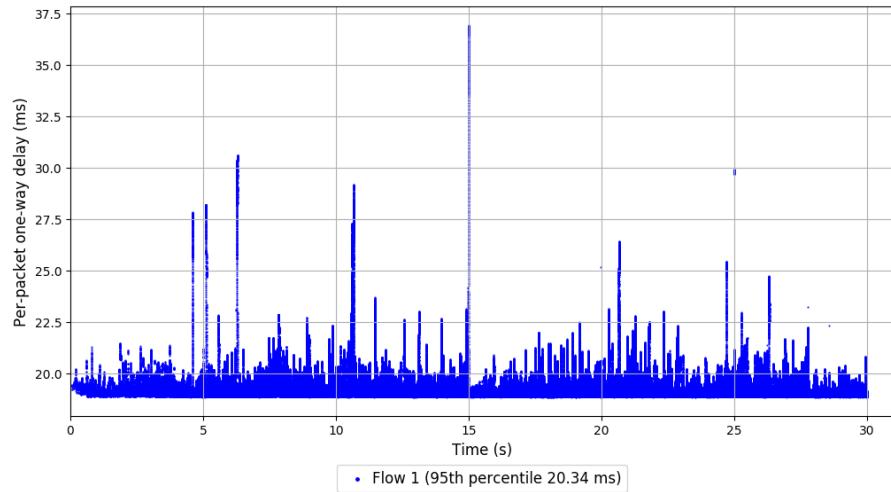
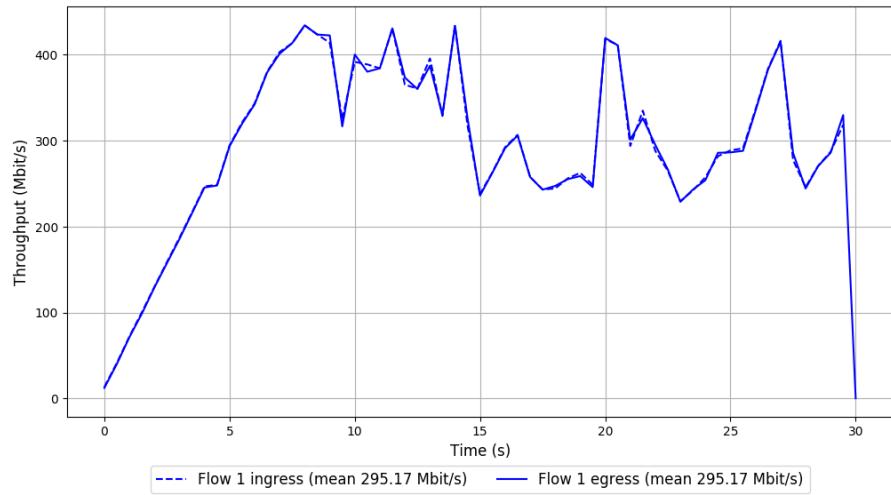


Run 8: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 22:24:26 +0000
End at: Mon, 24 Jul 2017 22:24:56 +0000
Local clock offset: 0.913 ms
Remote clock offset: -2.779 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:26:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 295.17 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 295.17 Mbit/s
95th percentile per-packet one-way delay: 20.343 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

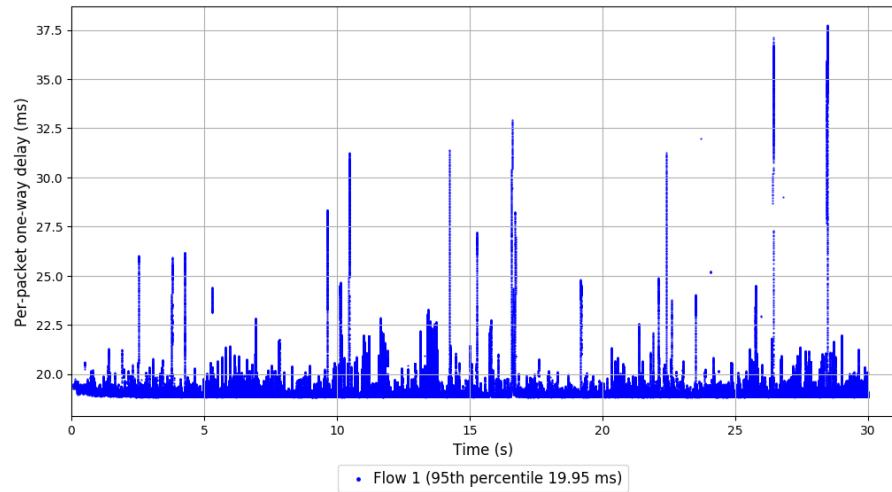
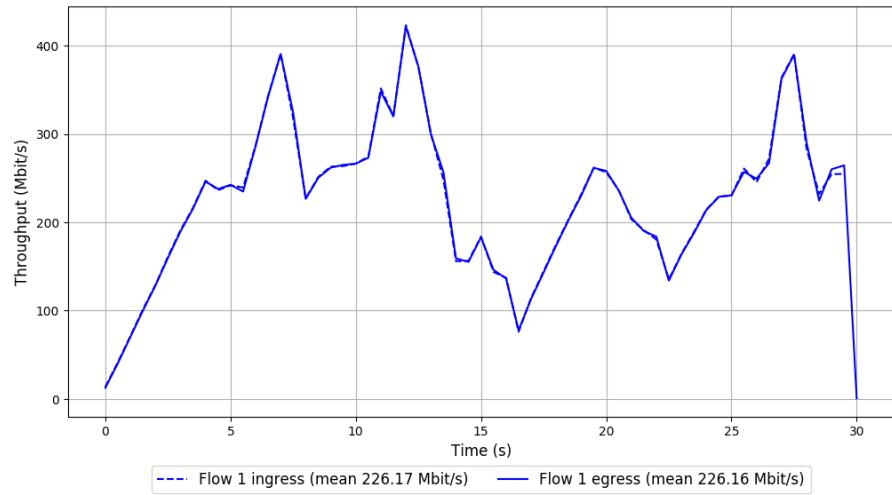


Run 9: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 22:44:36 +0000
End at: Mon, 24 Jul 2017 22:45:06 +0000
Local clock offset: 0.715 ms
Remote clock offset: -2.796 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:26:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.16 Mbit/s
95th percentile per-packet one-way delay: 19.945 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 226.16 Mbit/s
95th percentile per-packet one-way delay: 19.945 ms
Loss rate: 0.00%
```

Run 9: Report of LEDBAT — Data Link

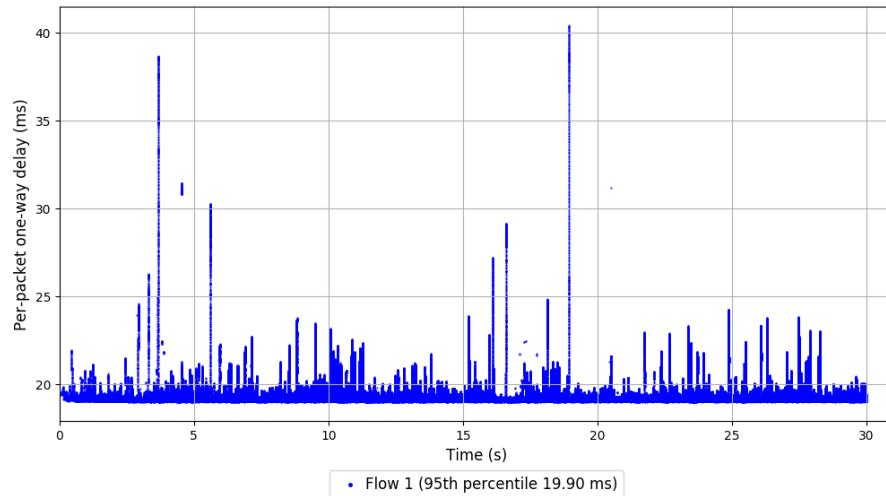
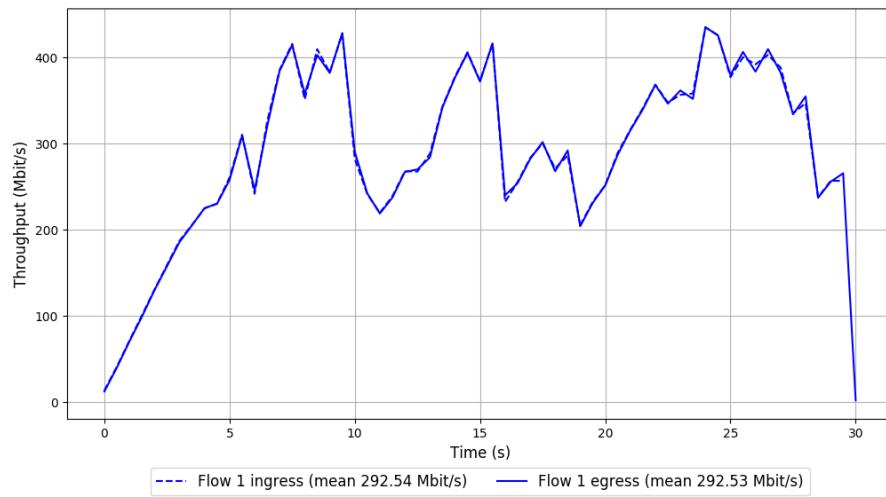


Run 10: Statistics of LEDBAT

```
Start at: Mon, 24 Jul 2017 23:04:57 +0000
End at: Mon, 24 Jul 2017 23:05:27 +0000
Local clock offset: 0.593 ms
Remote clock offset: -2.775 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:27:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 292.53 Mbit/s
95th percentile per-packet one-way delay: 19.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 292.53 Mbit/s
95th percentile per-packet one-way delay: 19.898 ms
Loss rate: 0.00%
```

## Run 10: Report of LEDBAT — Data Link

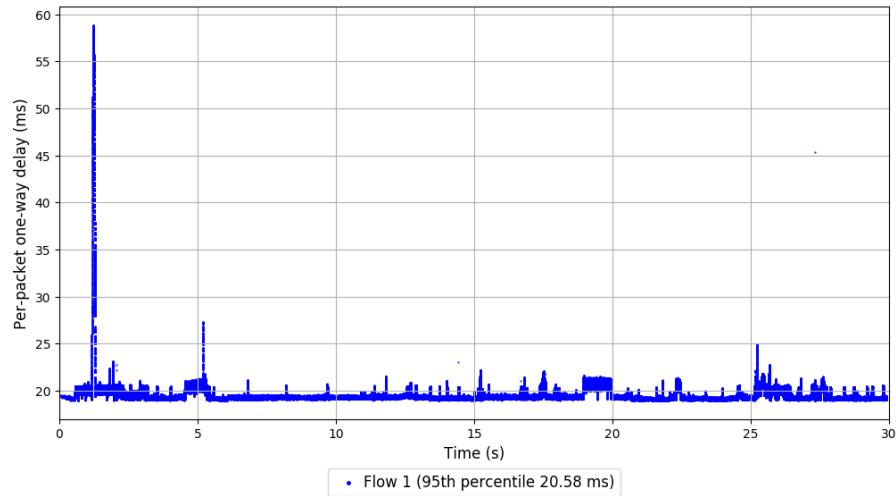
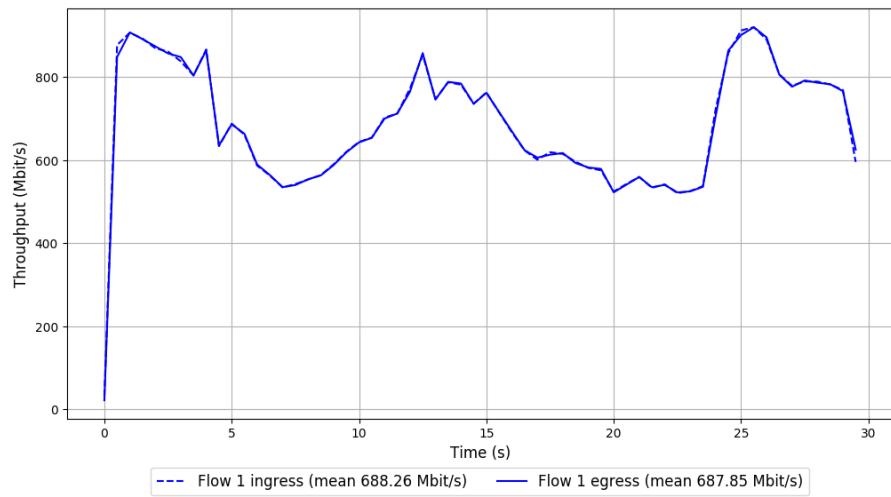


Run 1: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 20:02:44 +0000
End at: Mon, 24 Jul 2017 20:03:14 +0000
Local clock offset: 1.188 ms
Remote clock offset: -3.641 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:28:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 687.85 Mbit/s
95th percentile per-packet one-way delay: 20.581 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 687.85 Mbit/s
95th percentile per-packet one-way delay: 20.581 ms
Loss rate: 0.06%
```

Run 1: Report of PCC — Data Link

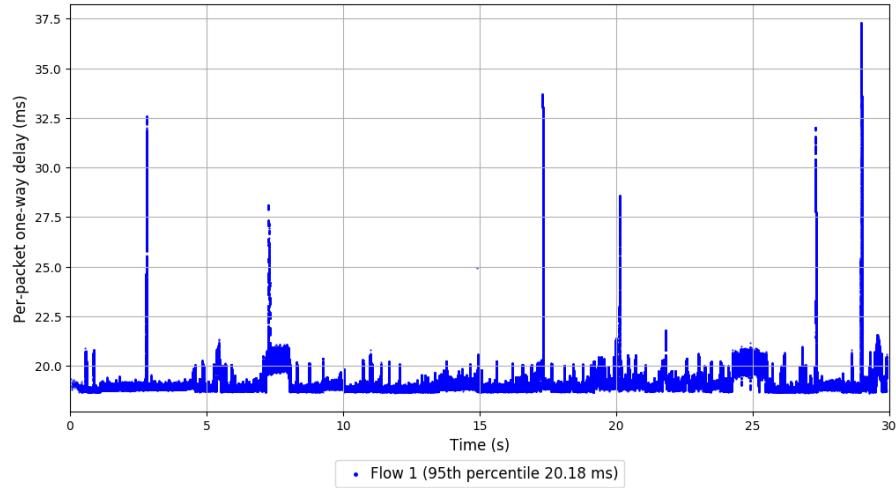
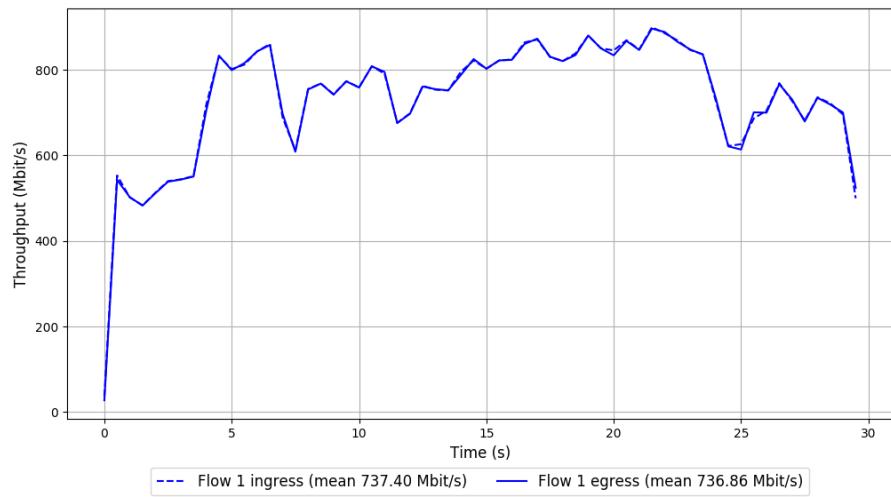


Run 2: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 20:22:31 +0000
End at: Mon, 24 Jul 2017 20:23:02 +0000
Local clock offset: 1.044 ms
Remote clock offset: -3.515 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:28:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 736.86 Mbit/s
95th percentile per-packet one-way delay: 20.176 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 736.86 Mbit/s
95th percentile per-packet one-way delay: 20.176 ms
Loss rate: 0.08%
```

Run 2: Report of PCC — Data Link

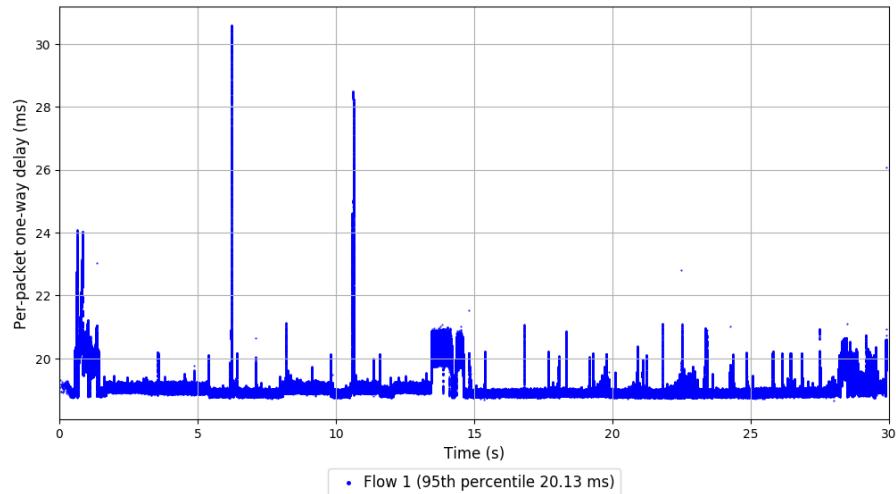
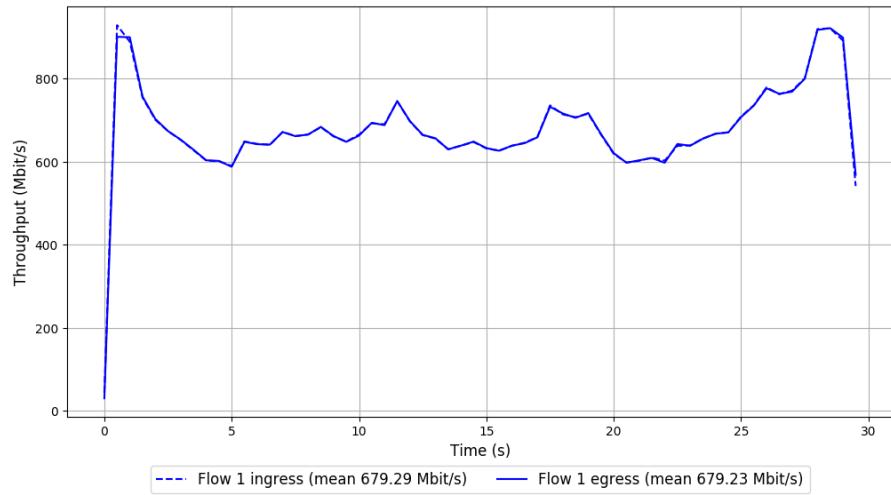


Run 3: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 20:42:21 +0000
End at: Mon, 24 Jul 2017 20:42:51 +0000
Local clock offset: 1.005 ms
Remote clock offset: -2.943 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:29:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 679.23 Mbit/s
95th percentile per-packet one-way delay: 20.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 679.23 Mbit/s
95th percentile per-packet one-way delay: 20.127 ms
Loss rate: 0.00%
```

### Run 3: Report of PCC — Data Link

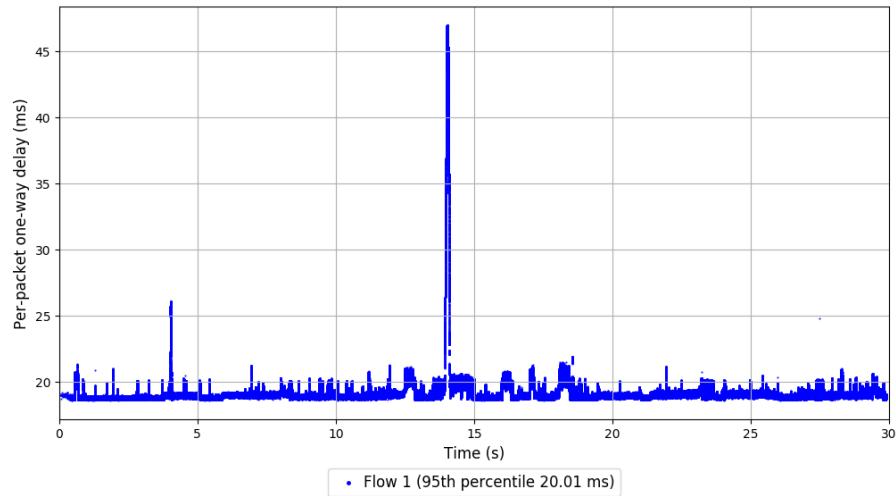
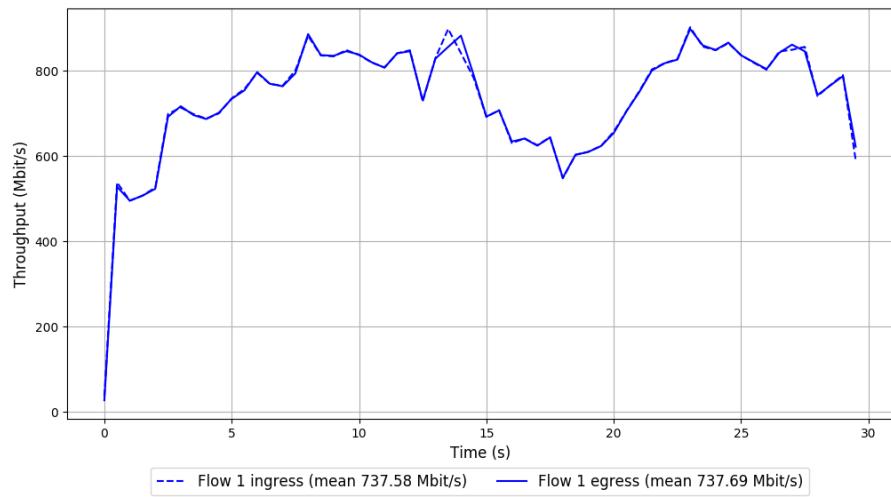


Run 4: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 21:02:43 +0000
End at: Mon, 24 Jul 2017 21:03:13 +0000
Local clock offset: 0.956 ms
Remote clock offset: -2.825 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:30:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 737.69 Mbit/s
95th percentile per-packet one-way delay: 20.014 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 737.69 Mbit/s
95th percentile per-packet one-way delay: 20.014 ms
Loss rate: 0.01%
```

#### Run 4: Report of PCC — Data Link

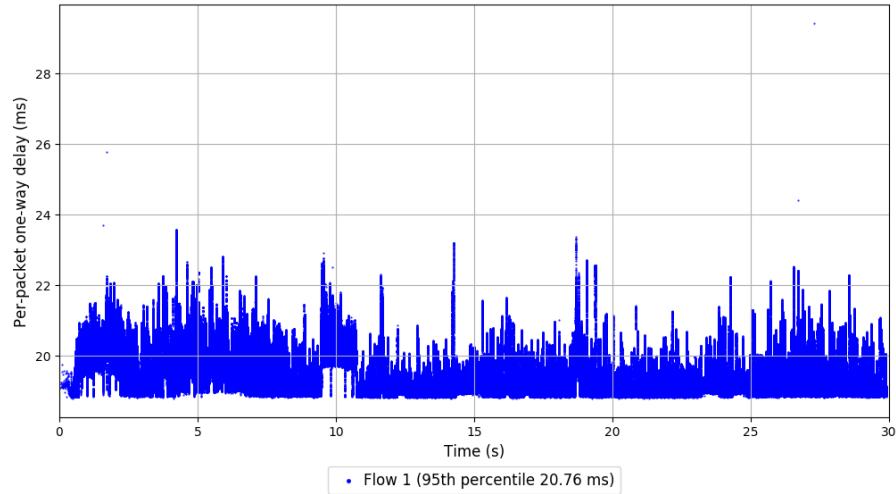
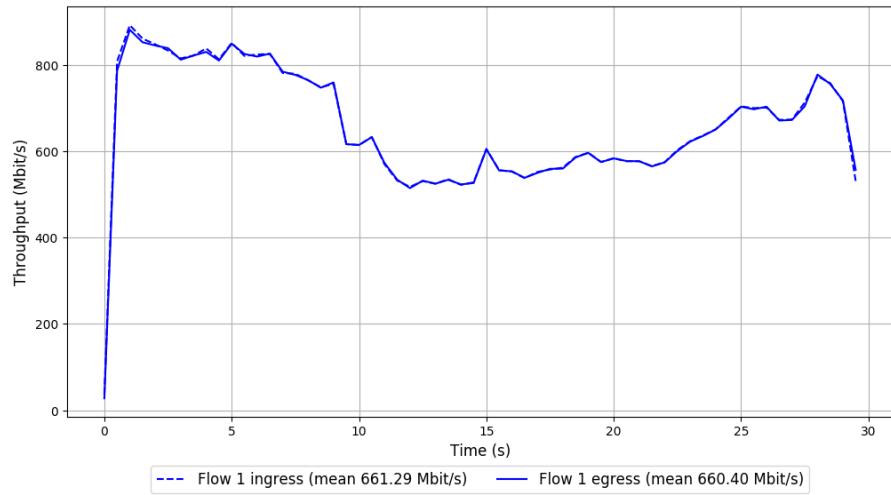


Run 5: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 21:22:43 +0000
End at: Mon, 24 Jul 2017 21:23:13 +0000
Local clock offset: 0.779 ms
Remote clock offset: -2.62 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:30:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 660.40 Mbit/s
95th percentile per-packet one-way delay: 20.758 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 660.40 Mbit/s
95th percentile per-packet one-way delay: 20.758 ms
Loss rate: 0.14%
```

Run 5: Report of PCC — Data Link

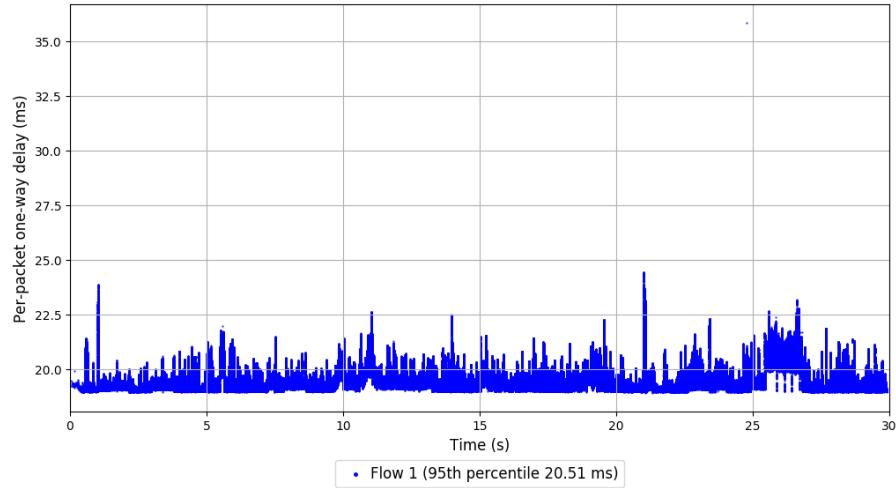
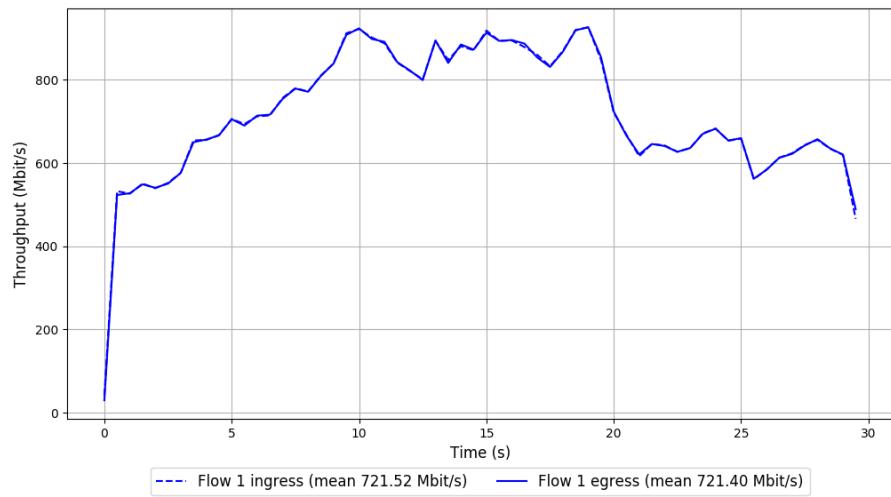


Run 6: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 21:42:36 +0000
End at: Mon, 24 Jul 2017 21:43:06 +0000
Local clock offset: 0.774 ms
Remote clock offset: -2.855 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:31:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 721.40 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 721.40 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 0.02%
```

Run 6: Report of PCC — Data Link

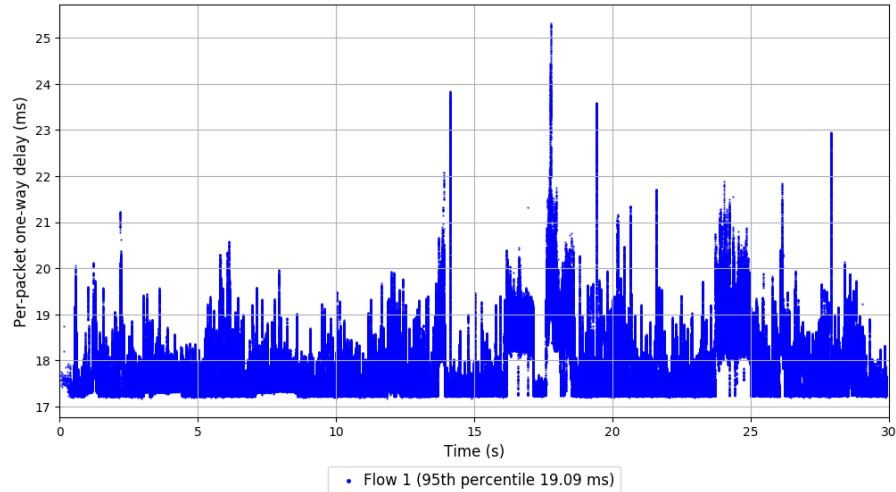
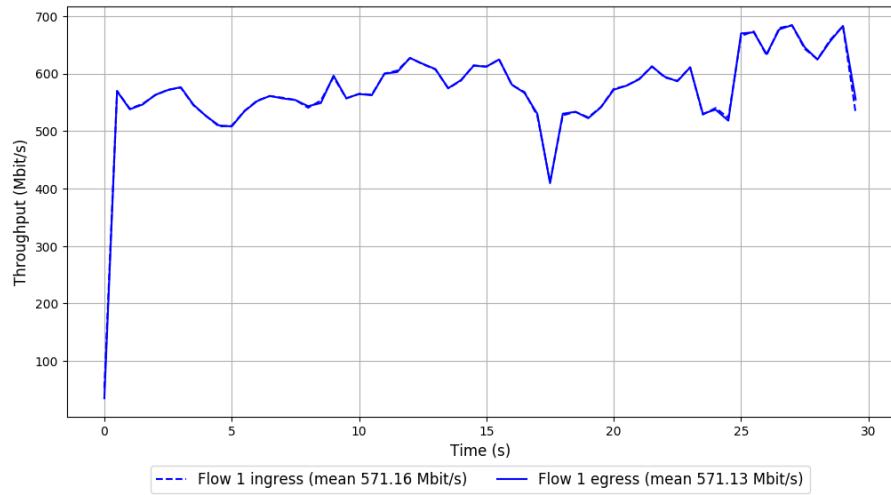


Run 7: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 22:02:47 +0000
End at: Mon, 24 Jul 2017 22:03:17 +0000
Local clock offset: 0.887 ms
Remote clock offset: -2.839 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:32:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 571.13 Mbit/s
95th percentile per-packet one-way delay: 19.093 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 571.13 Mbit/s
95th percentile per-packet one-way delay: 19.093 ms
Loss rate: 0.01%
```

### Run 7: Report of PCC — Data Link

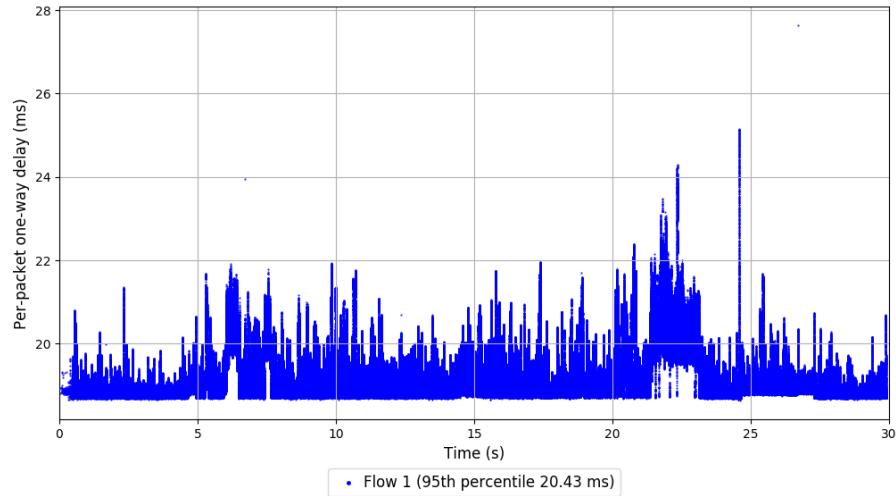
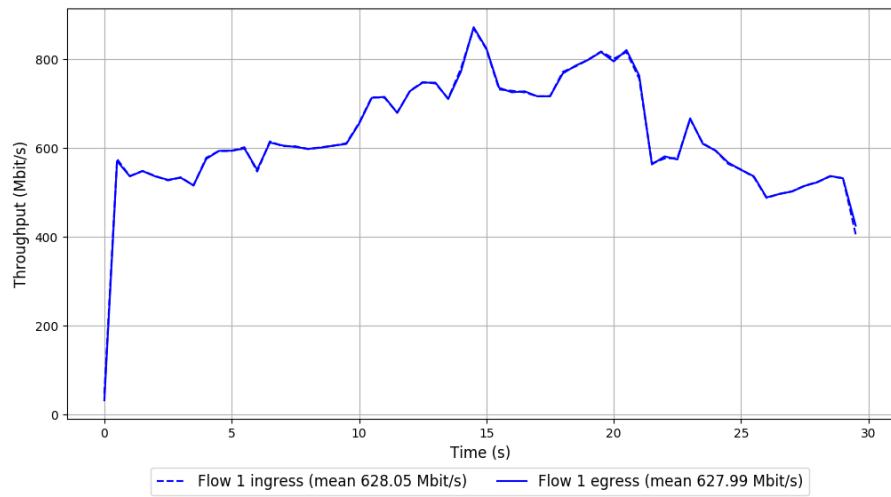


Run 8: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 22:22:55 +0000
End at: Mon, 24 Jul 2017 22:23:25 +0000
Local clock offset: 0.913 ms
Remote clock offset: -2.738 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:33:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 627.99 Mbit/s
95th percentile per-packet one-way delay: 20.430 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 627.99 Mbit/s
95th percentile per-packet one-way delay: 20.430 ms
Loss rate: 0.01%
```

Run 8: Report of PCC — Data Link

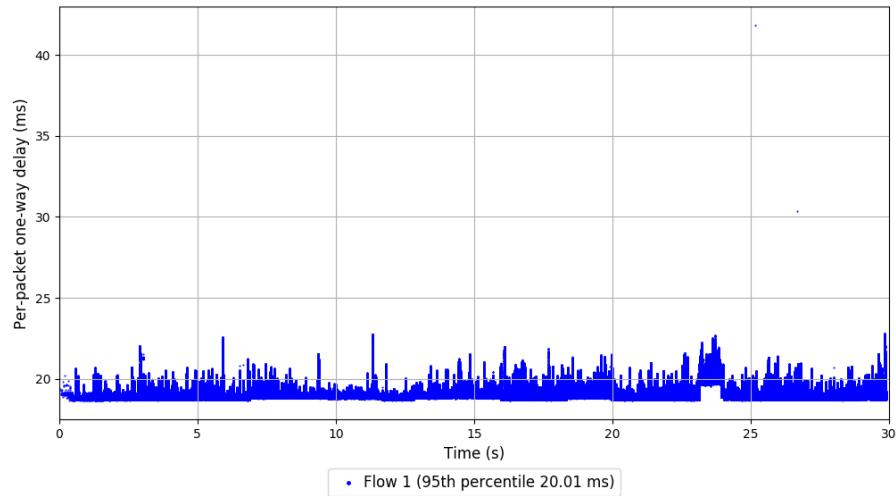
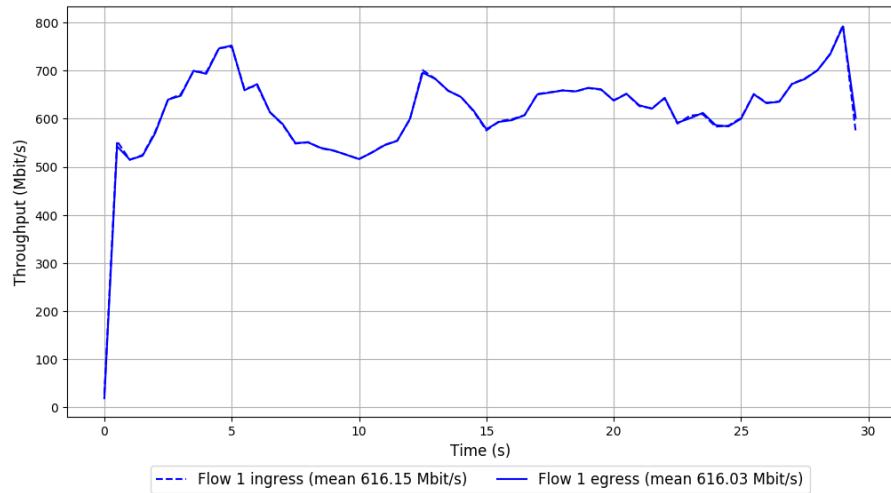


Run 9: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 22:43:05 +0000
End at: Mon, 24 Jul 2017 22:43:35 +0000
Local clock offset: 0.75 ms
Remote clock offset: -2.719 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:33:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 616.03 Mbit/s
95th percentile per-packet one-way delay: 20.007 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 616.03 Mbit/s
95th percentile per-packet one-way delay: 20.007 ms
Loss rate: 0.02%
```

### Run 9: Report of PCC — Data Link

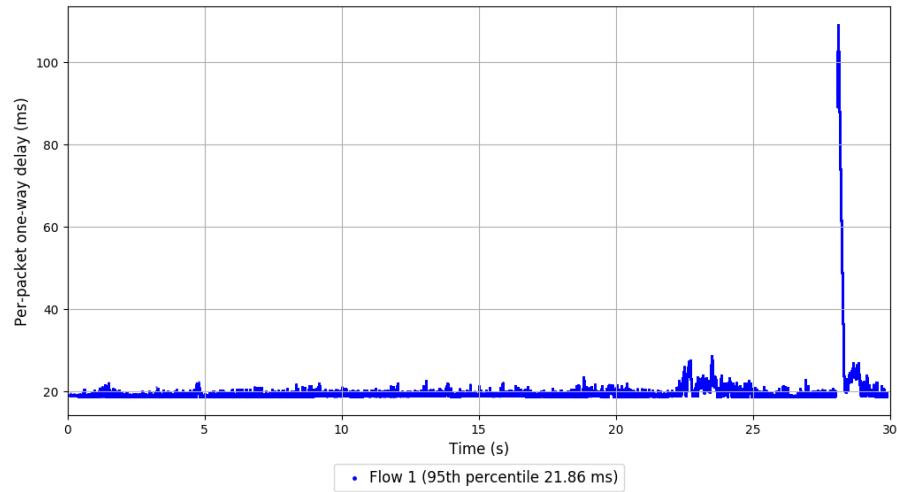
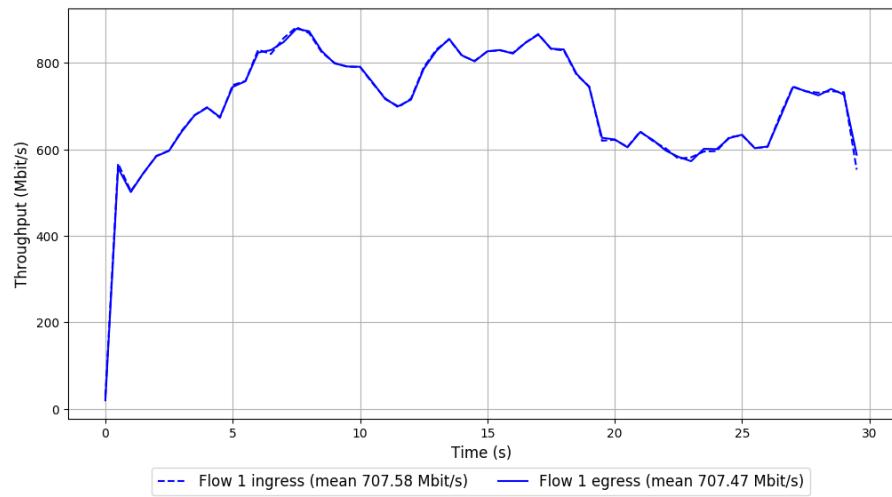


Run 10: Statistics of PCC

```
Start at: Mon, 24 Jul 2017 23:03:23 +0000
End at: Mon, 24 Jul 2017 23:03:53 +0000
Local clock offset: 0.604 ms
Remote clock offset: -2.751 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 707.47 Mbit/s
95th percentile per-packet one-way delay: 21.864 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 707.47 Mbit/s
95th percentile per-packet one-way delay: 21.864 ms
Loss rate: 0.02%
```

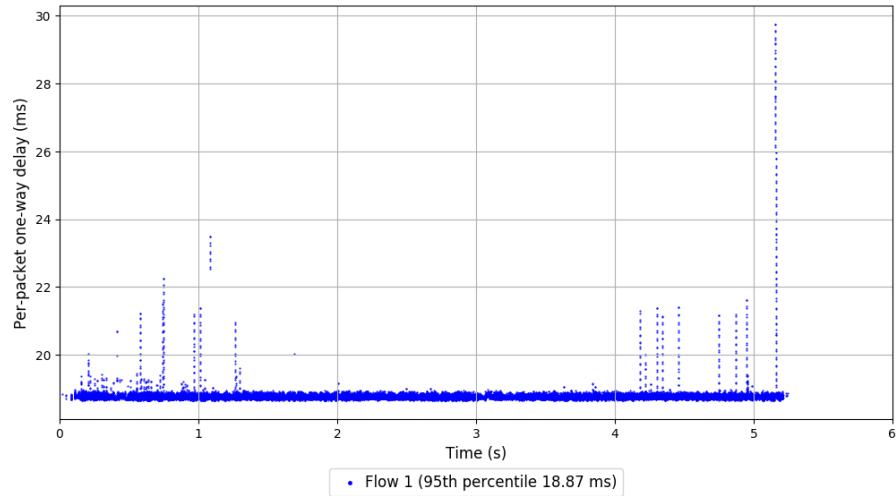
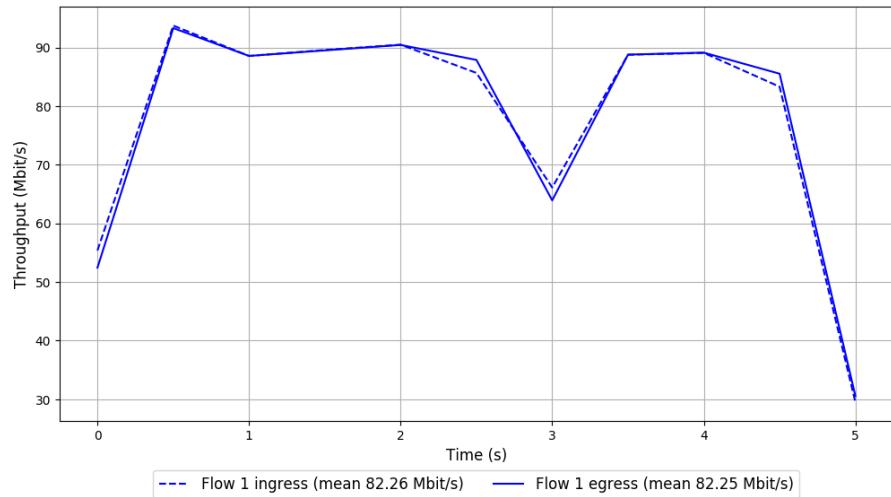
Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 20:20:05 +0000  
End at: Mon, 24 Jul 2017 20:20:35 +0000  
Local clock offset: 1.15 ms  
Remote clock offset: -3.477 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

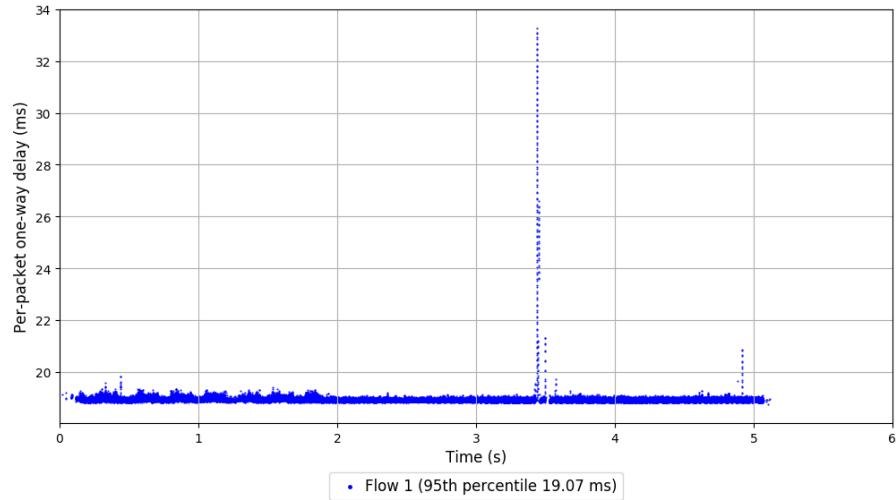
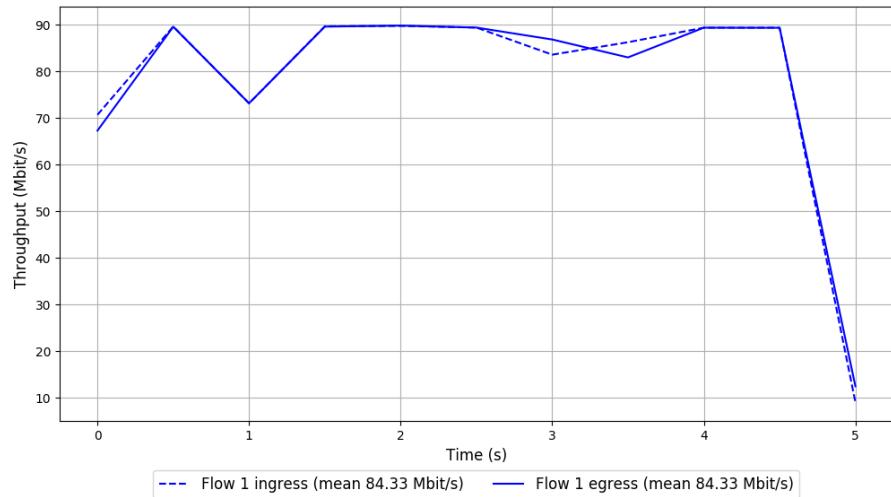
Start at: Mon, 24 Jul 2017 20:39:53 +0000

End at: Mon, 24 Jul 2017 20:40:23 +0000

Local clock offset: 1.034 ms

Remote clock offset: -3.1 ms

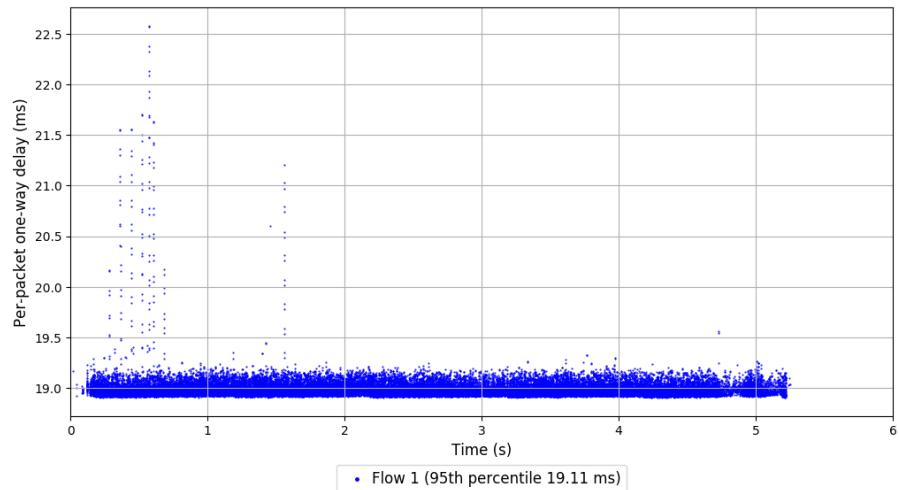
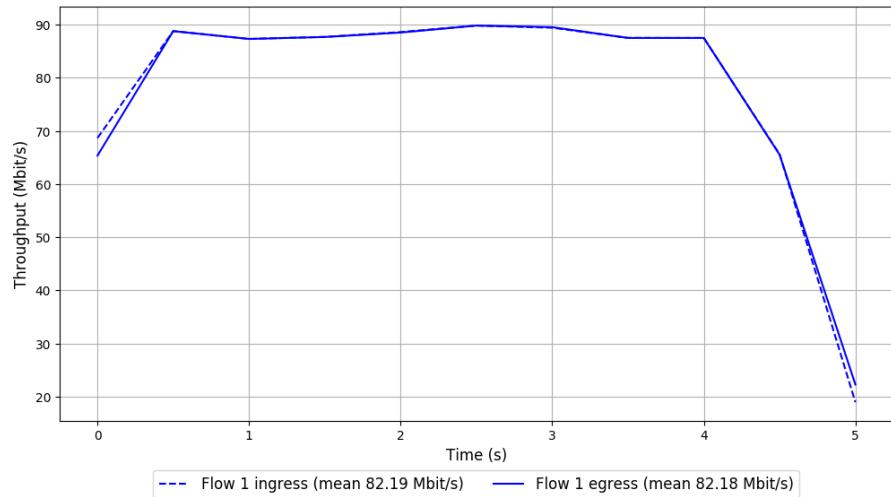
## Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 21:00:13 +0000  
End at: Mon, 24 Jul 2017 21:00:43 +0000  
Local clock offset: 0.893 ms  
Remote clock offset: -2.84 ms

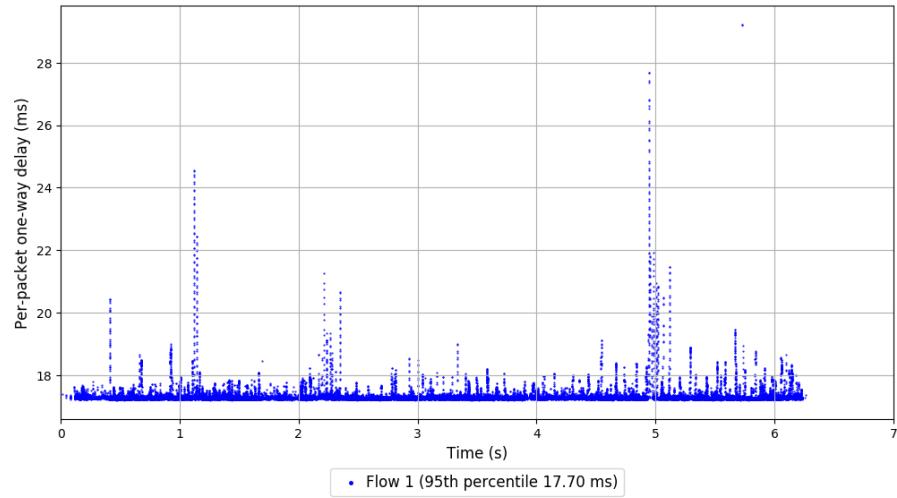
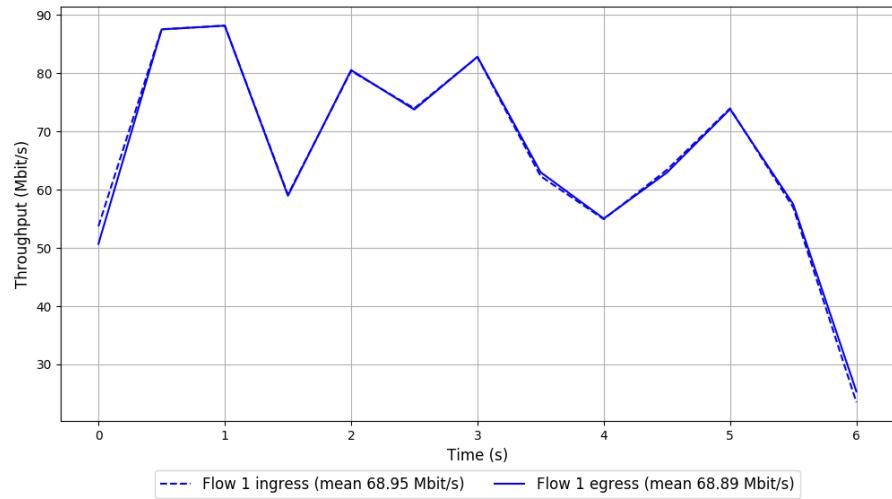
### Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 21:20:14 +0000  
End at: Mon, 24 Jul 2017 21:20:44 +0000  
Local clock offset: 0.752 ms  
Remote clock offset: -2.622 ms

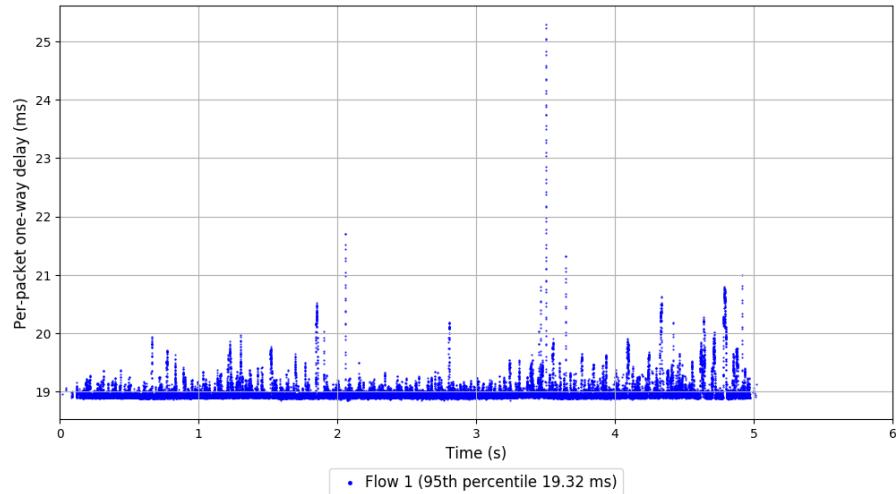
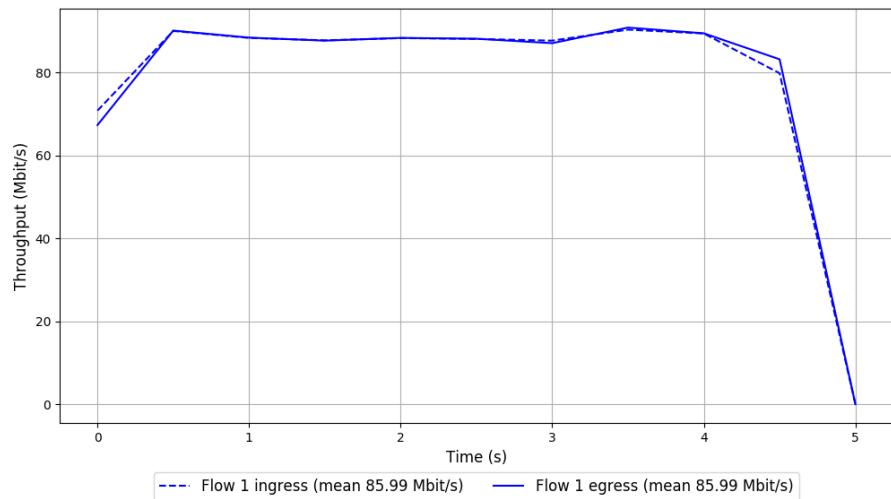
## Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 21:40:06 +0000  
End at: Mon, 24 Jul 2017 21:40:36 +0000  
Local clock offset: 0.852 ms  
Remote clock offset: -2.85 ms

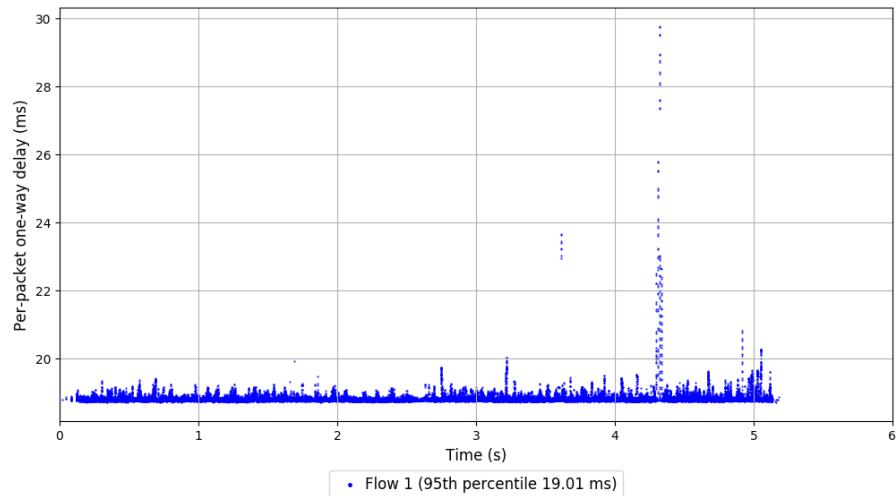
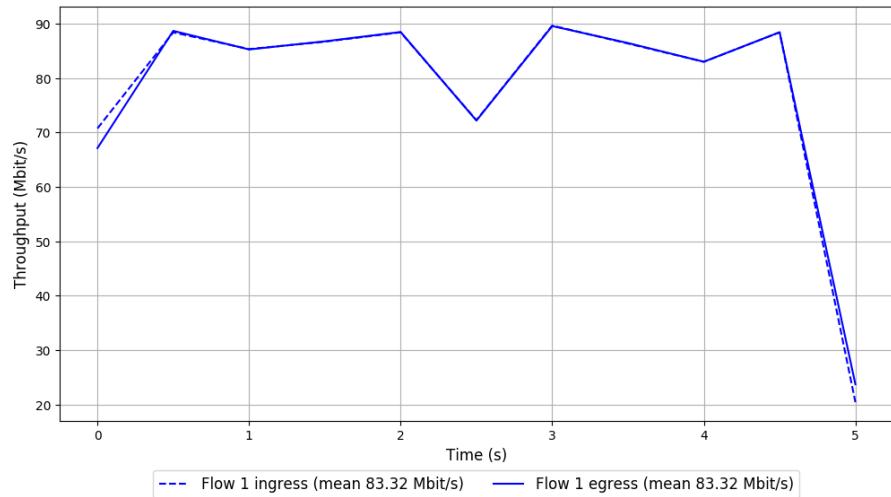
Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 22:00:18 +0000  
End at: Mon, 24 Jul 2017 22:00:48 +0000  
Local clock offset: 0.824 ms  
Remote clock offset: -2.823 ms

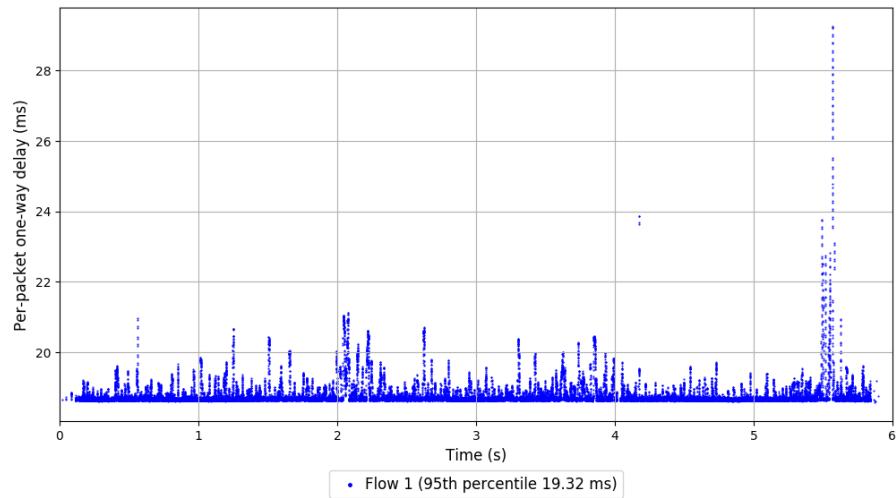
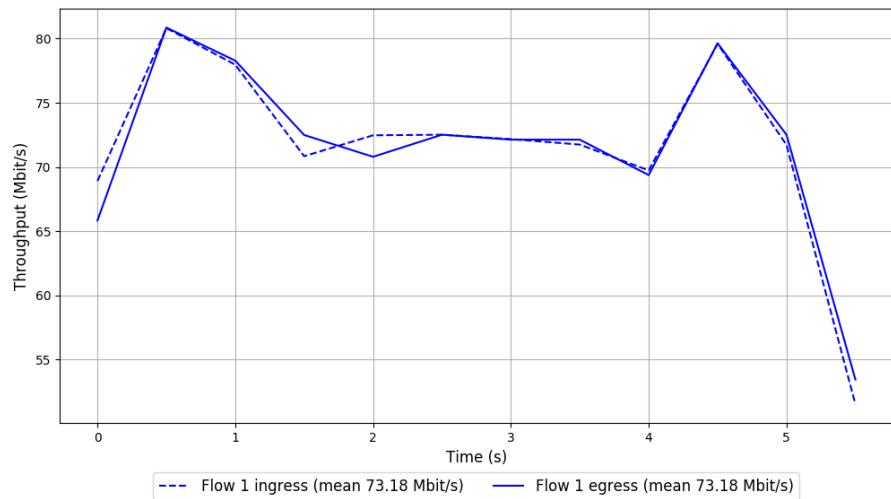
## Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 22:20:26 +0000  
End at: Mon, 24 Jul 2017 22:20:56 +0000  
Local clock offset: 0.903 ms  
Remote clock offset: -2.801 ms

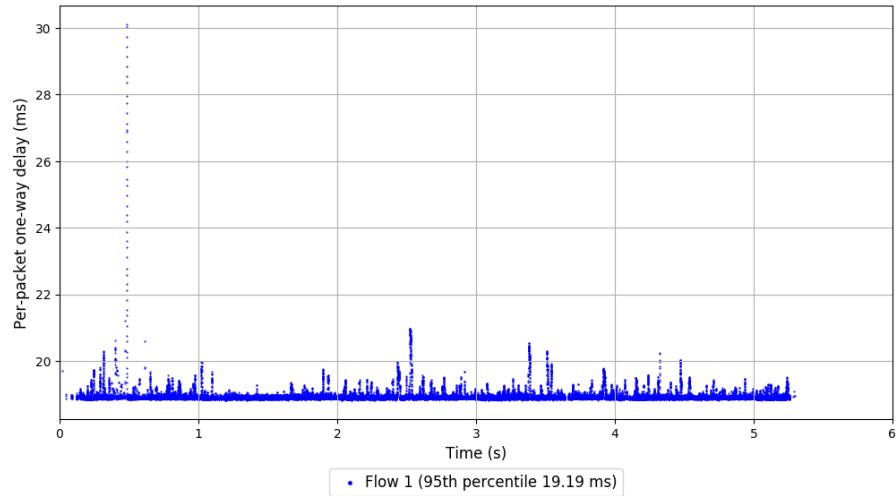
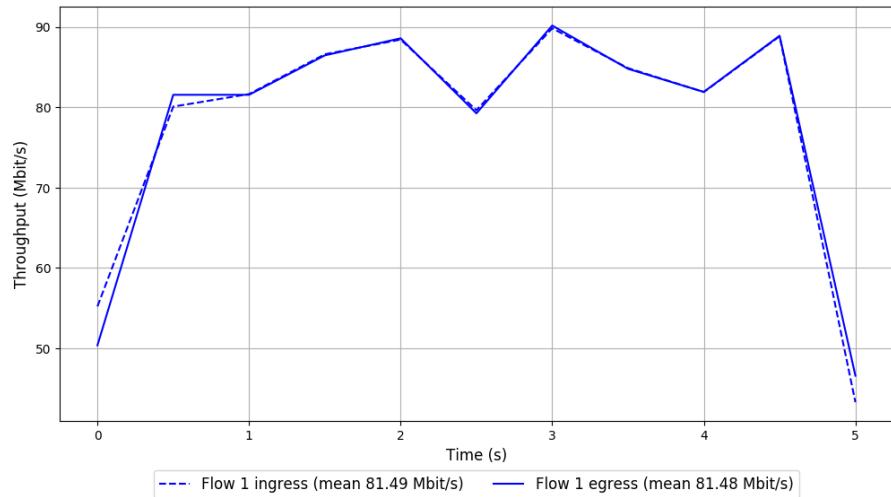
Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 22:40:36 +0000  
End at: Mon, 24 Jul 2017 22:41:06 +0000  
Local clock offset: 0.76 ms  
Remote clock offset: -2.789 ms

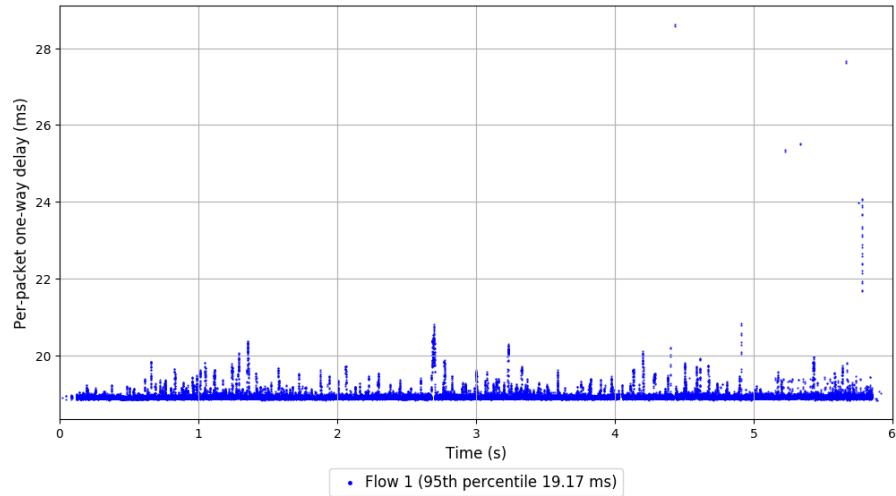
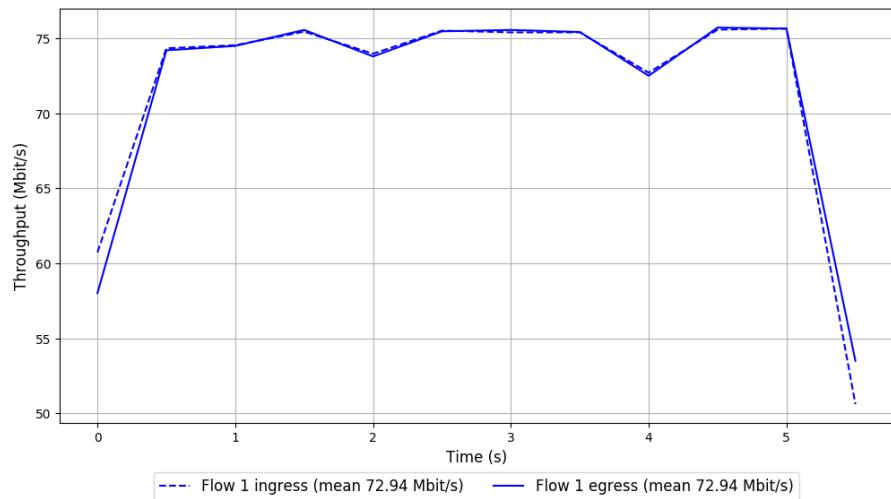
### Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 23:00:55 +0000  
End at: Mon, 24 Jul 2017 23:01:25 +0000  
Local clock offset: 0.691 ms  
Remote clock offset: -2.718 ms

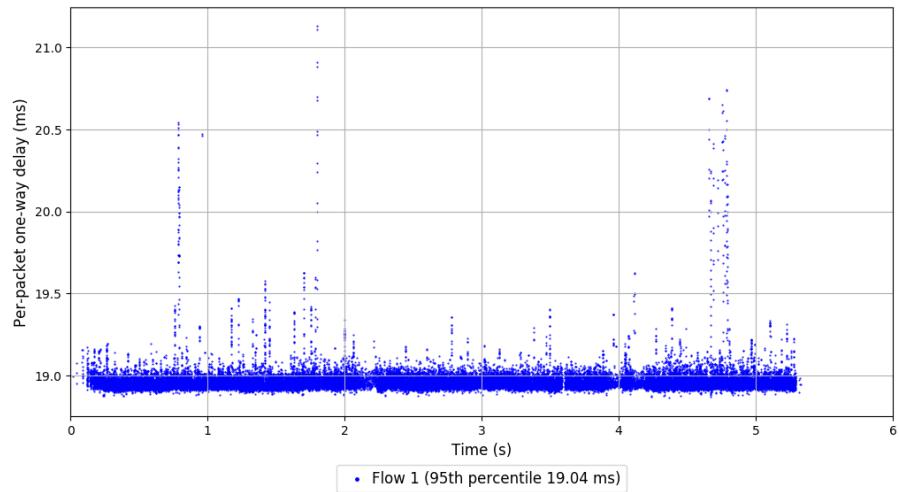
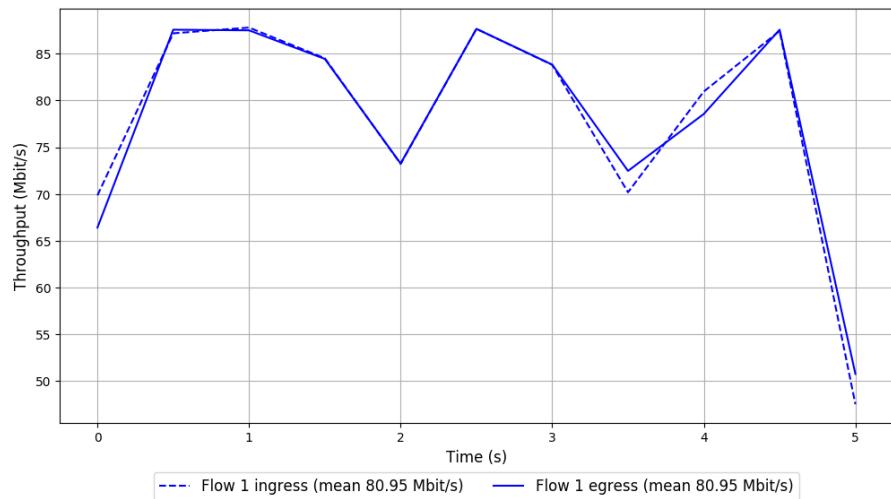
Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 23:21:22 +0000  
End at: Mon, 24 Jul 2017 23:21:52 +0000  
Local clock offset: 0.513 ms  
Remote clock offset: -2.821 ms

Run 10: Report of QUIC Cubic — Data Link

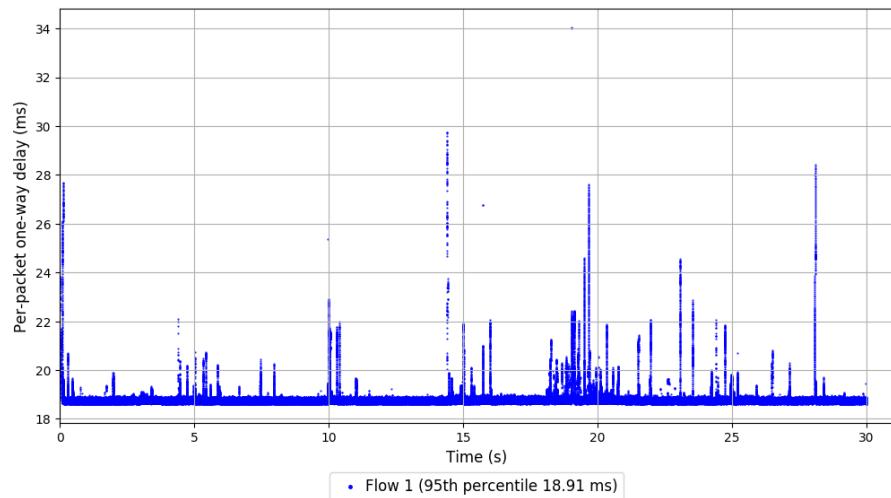
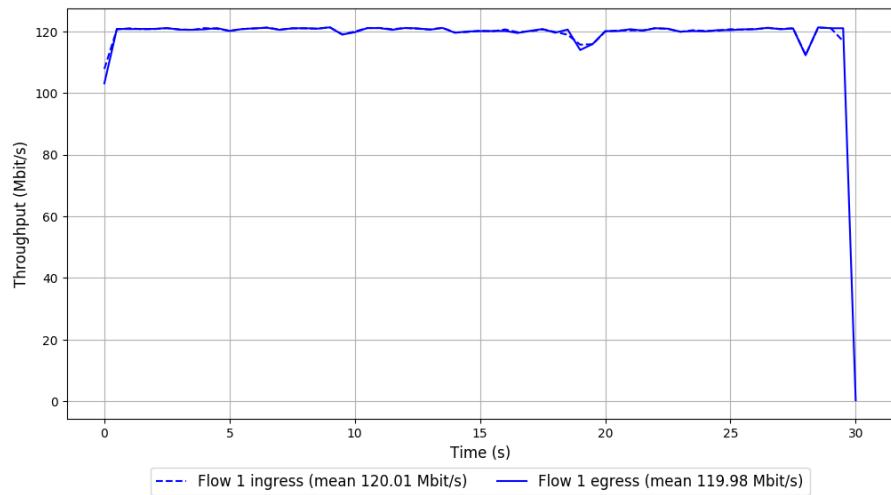


Run 1: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 20:09:09 +0000
End at: Mon, 24 Jul 2017 20:09:39 +0000
Local clock offset: 1.269 ms
Remote clock offset: -3.724 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 119.98 Mbit/s
95th percentile per-packet one-way delay: 18.907 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 119.98 Mbit/s
95th percentile per-packet one-way delay: 18.907 ms
Loss rate: 0.03%
```

Run 1: Report of Saturator — Data Link

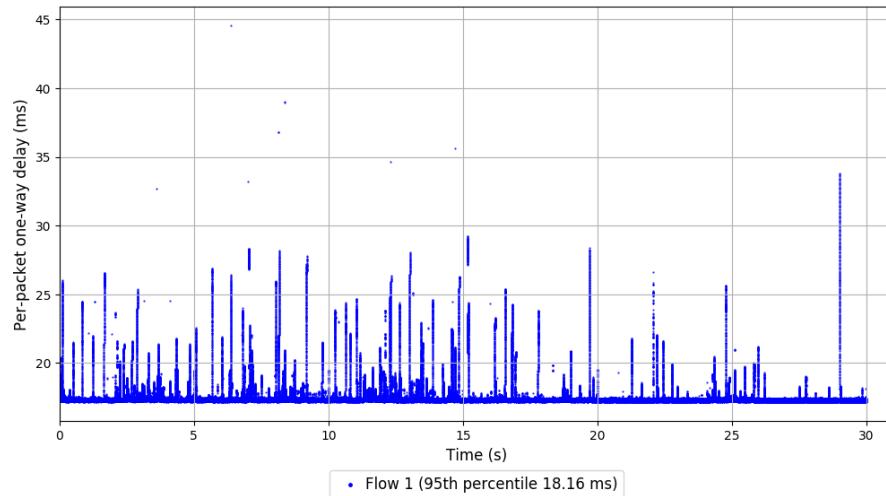
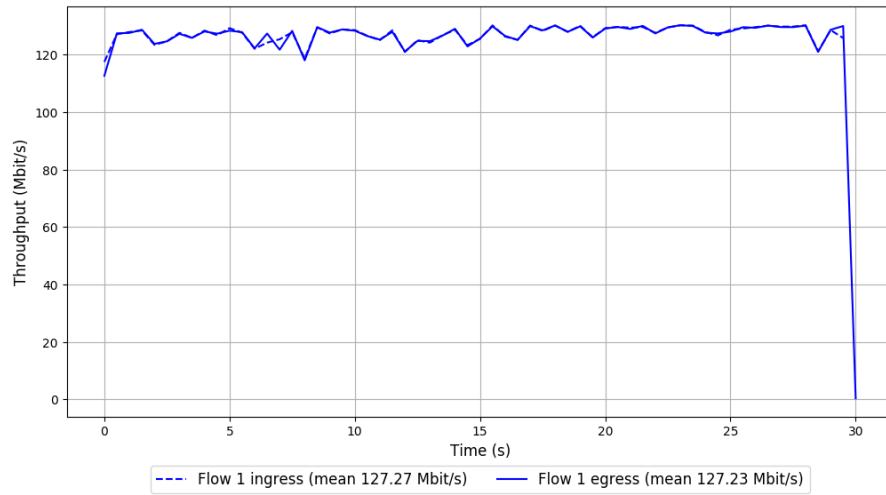


Run 2: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 20:29:05 +0000
End at: Mon, 24 Jul 2017 20:29:35 +0000
Local clock offset: 1.058 ms
Remote clock offset: -3.451 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 127.23 Mbit/s
95th percentile per-packet one-way delay: 18.164 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 127.23 Mbit/s
95th percentile per-packet one-way delay: 18.164 ms
Loss rate: 0.03%
```

Run 2: Report of Saturator — Data Link

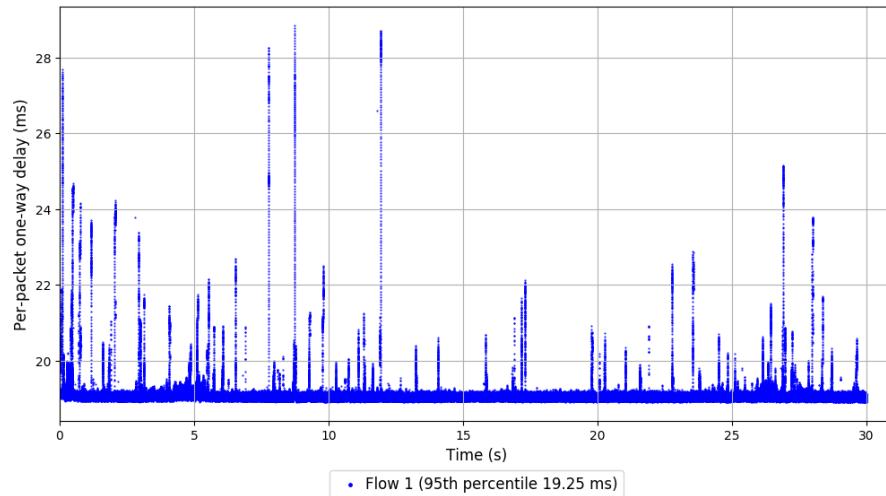
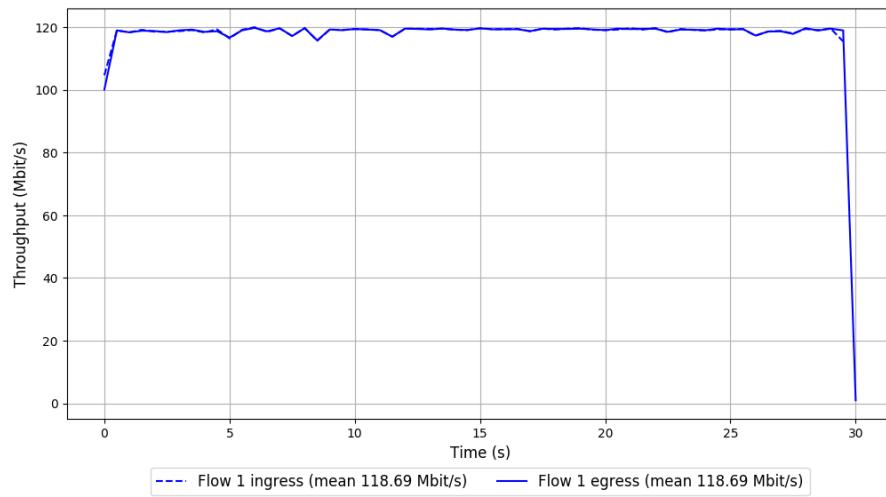


Run 3: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 20:49:17 +0000
End at: Mon, 24 Jul 2017 20:49:47 +0000
Local clock offset: 0.946 ms
Remote clock offset: -2.85 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 118.69 Mbit/s
95th percentile per-packet one-way delay: 19.247 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.69 Mbit/s
95th percentile per-packet one-way delay: 19.247 ms
Loss rate: 0.00%
```

Run 3: Report of Saturator — Data Link

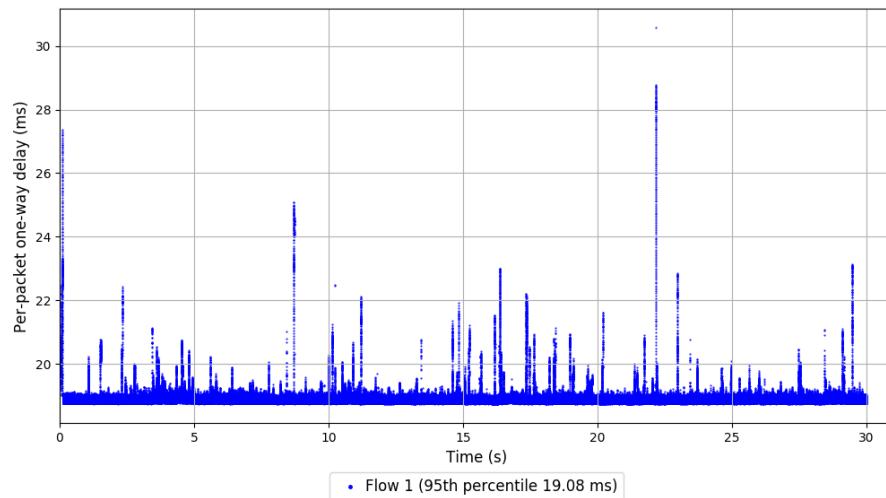
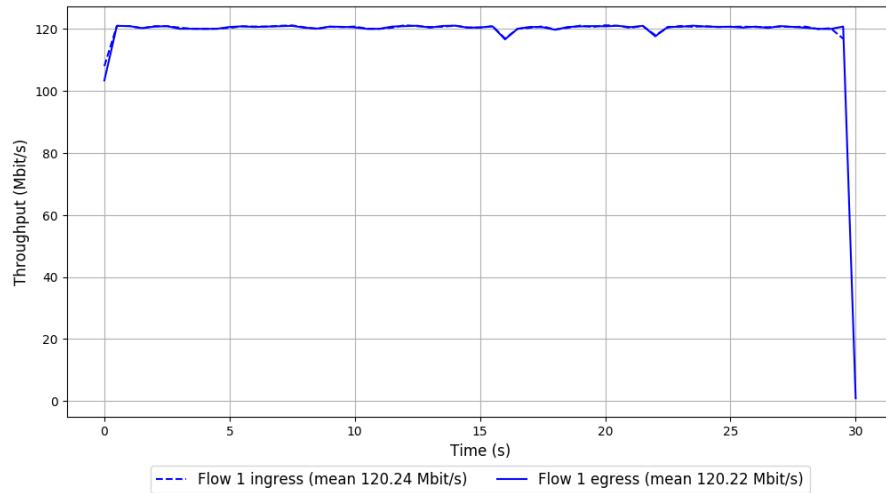


Run 4: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 21:09:16 +0000
End at: Mon, 24 Jul 2017 21:09:46 +0000
Local clock offset: 0.797 ms
Remote clock offset: -2.732 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 120.22 Mbit/s
95th percentile per-packet one-way delay: 19.084 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 120.22 Mbit/s
95th percentile per-packet one-way delay: 19.084 ms
Loss rate: 0.02%
```

Run 4: Report of Saturator — Data Link

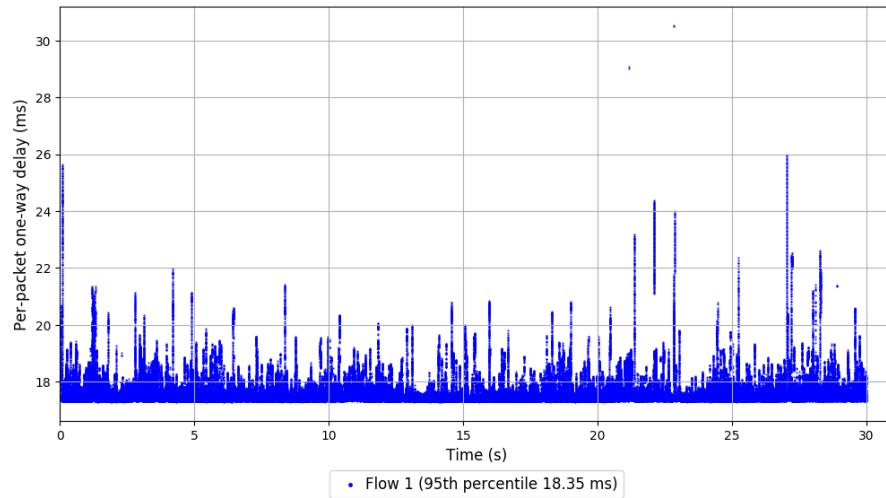
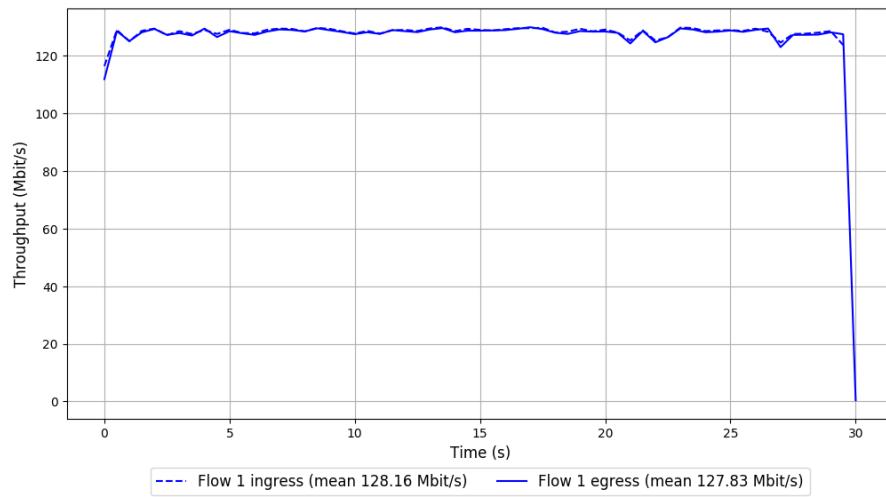


Run 5: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 21:29:04 +0000
End at: Mon, 24 Jul 2017 21:29:34 +0000
Local clock offset: 0.676 ms
Remote clock offset: -2.723 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 127.83 Mbit/s
95th percentile per-packet one-way delay: 18.351 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 127.83 Mbit/s
95th percentile per-packet one-way delay: 18.351 ms
Loss rate: 0.25%
```

Run 5: Report of Saturator — Data Link

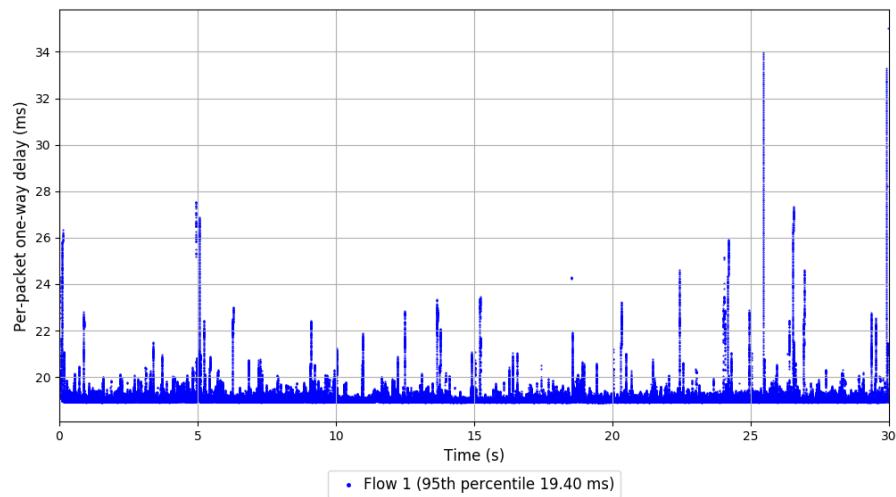
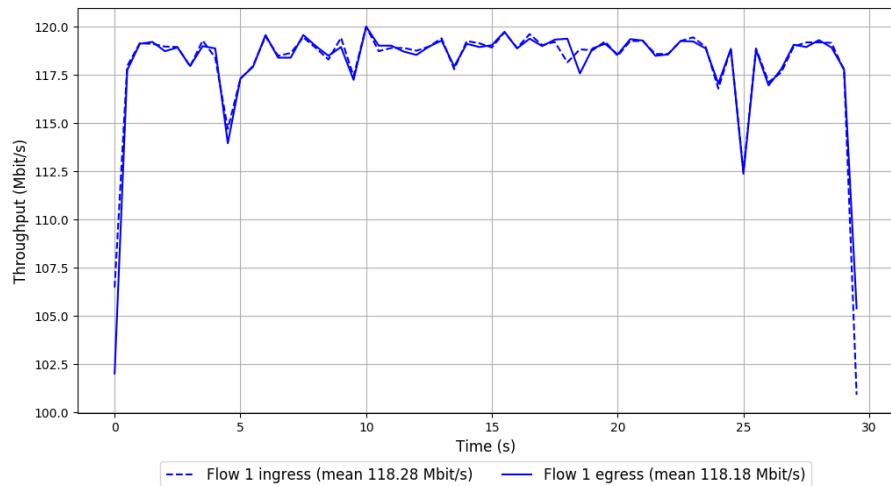


Run 6: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 21:49:17 +0000
End at: Mon, 24 Jul 2017 21:49:47 +0000
Local clock offset: 0.854 ms
Remote clock offset: -2.818 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 118.18 Mbit/s
95th percentile per-packet one-way delay: 19.401 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 118.18 Mbit/s
95th percentile per-packet one-way delay: 19.401 ms
Loss rate: 0.03%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Mon, 24 Jul 2017 22:09:26 +0000

End at: Mon, 24 Jul 2017 22:09:56 +0000

Local clock offset: 0.77 ms

Remote clock offset: -2.736 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 119.40 Mbit/s

95th percentile per-packet one-way delay: 19.600 ms

Loss rate: 0.01%

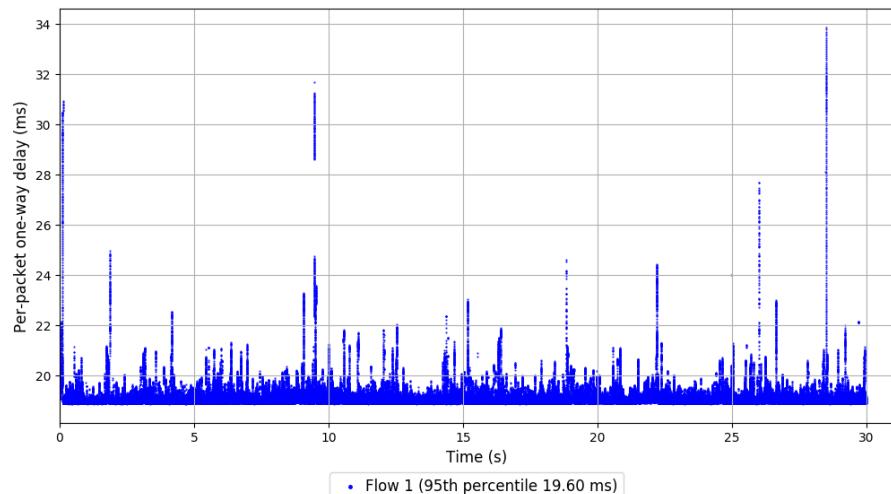
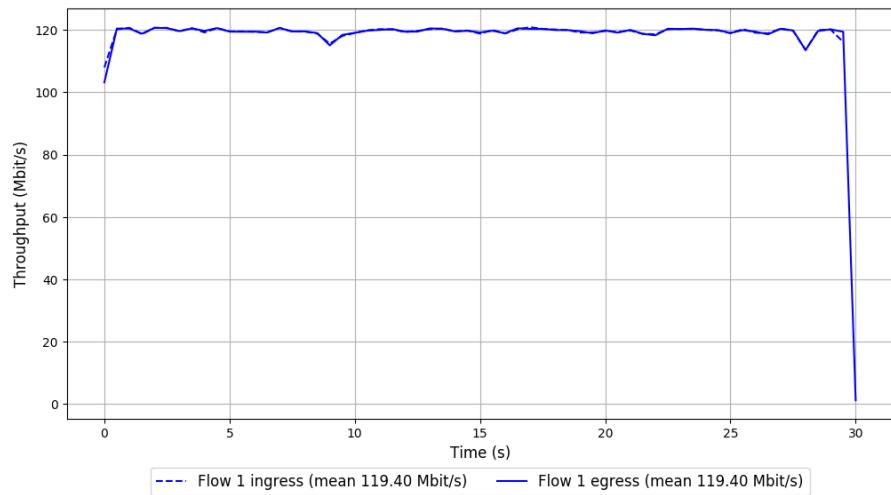
-- Flow 1:

Average throughput: 119.40 Mbit/s

95th percentile per-packet one-way delay: 19.600 ms

Loss rate: 0.01%

Run 7: Report of Saturator — Data Link

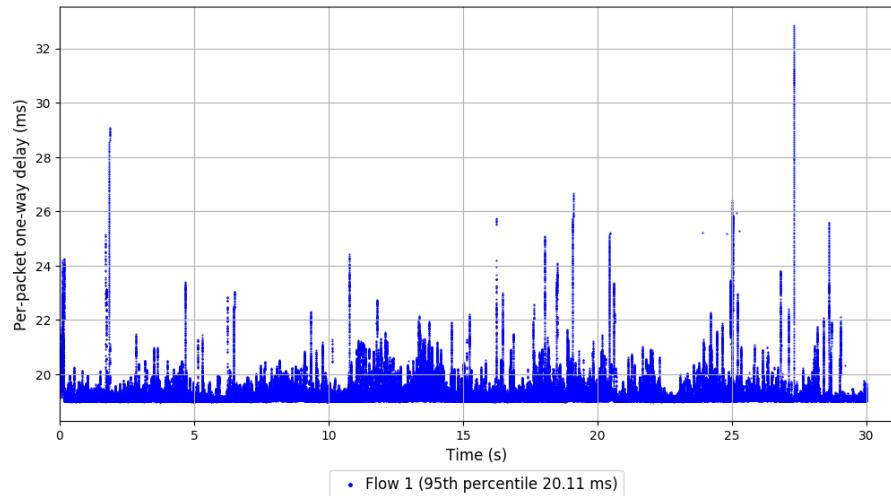
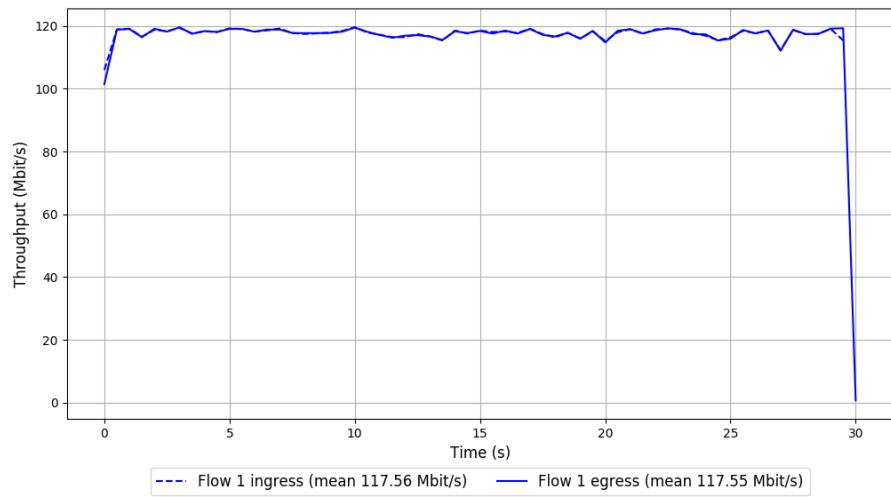


Run 8: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 22:29:36 +0000
End at: Mon, 24 Jul 2017 22:30:06 +0000
Local clock offset: 0.786 ms
Remote clock offset: -2.826 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 117.55 Mbit/s
95th percentile per-packet one-way delay: 20.106 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 117.55 Mbit/s
95th percentile per-packet one-way delay: 20.106 ms
Loss rate: 0.01%
```

Run 8: Report of Saturator — Data Link

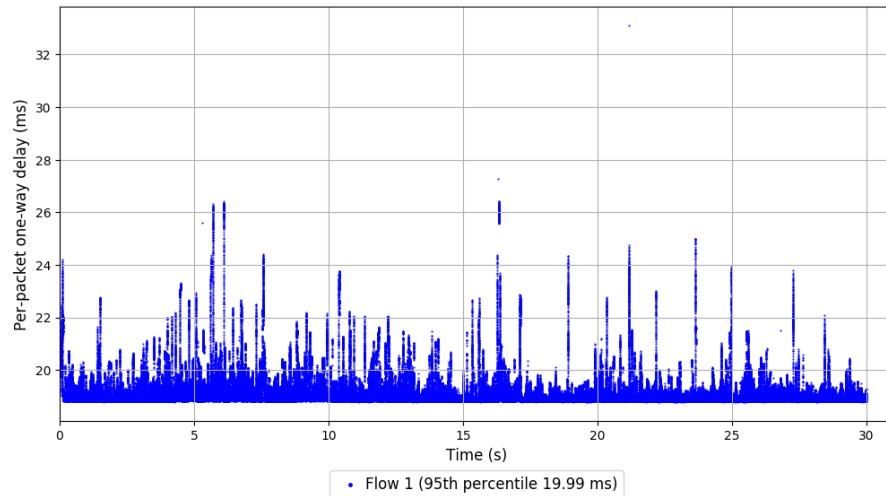
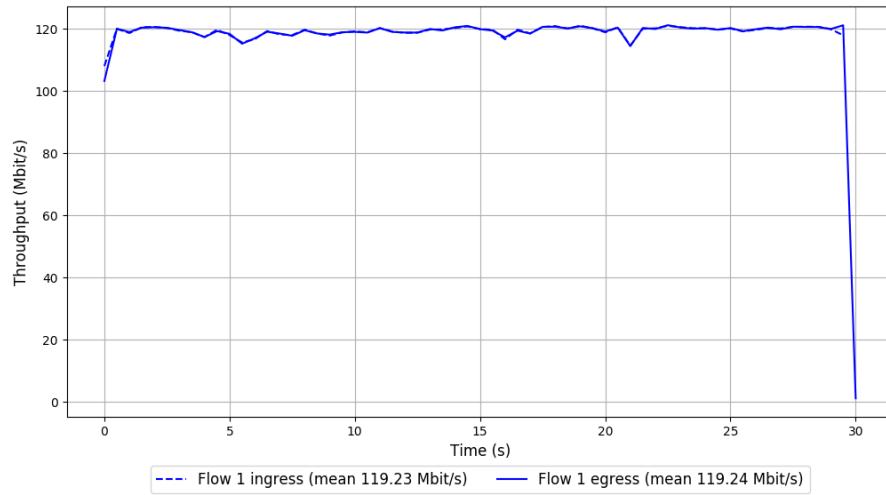


Run 9: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 22:49:55 +0000
End at: Mon, 24 Jul 2017 22:50:25 +0000
Local clock offset: 0.572 ms
Remote clock offset: -2.704 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:35:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 119.24 Mbit/s
95th percentile per-packet one-way delay: 19.993 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 119.24 Mbit/s
95th percentile per-packet one-way delay: 19.993 ms
Loss rate: 0.01%
```

Run 9: Report of Saturator — Data Link

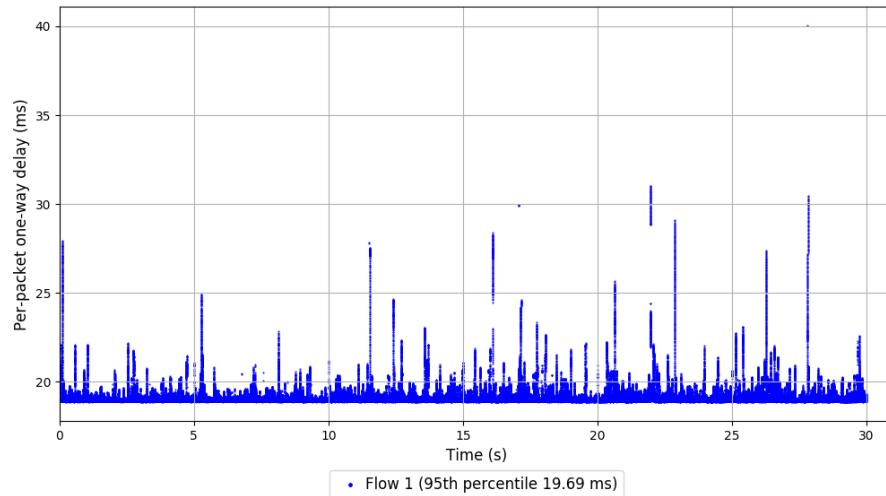
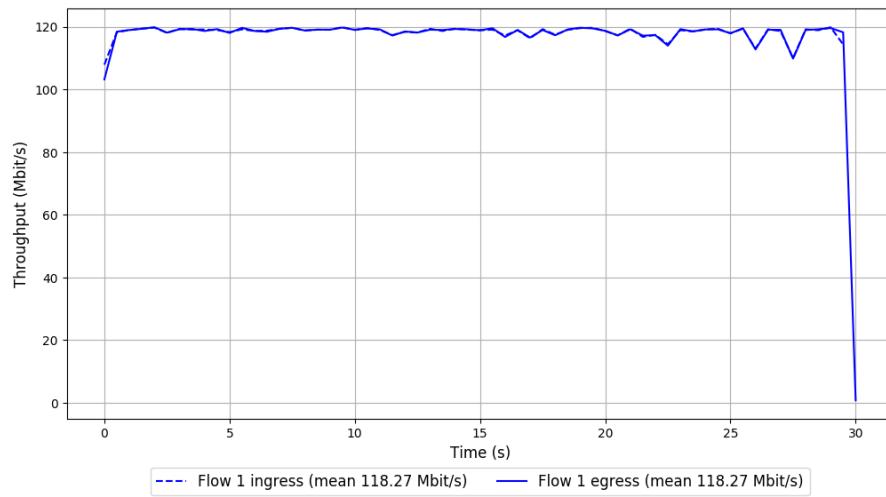


Run 10: Statistics of Saturator

```
Start at: Mon, 24 Jul 2017 23:10:18 +0000
End at: Mon, 24 Jul 2017 23:10:48 +0000
Local clock offset: 0.629 ms
Remote clock offset: -2.749 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 118.27 Mbit/s
95th percentile per-packet one-way delay: 19.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.27 Mbit/s
95th percentile per-packet one-way delay: 19.691 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

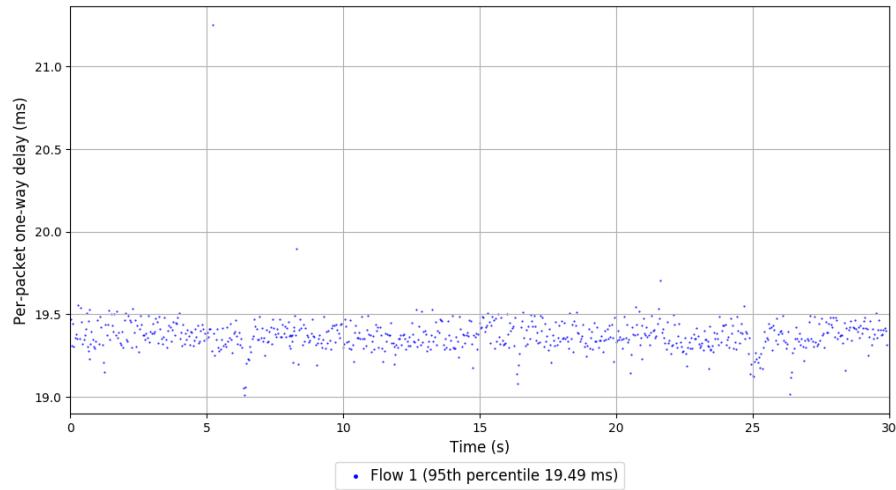
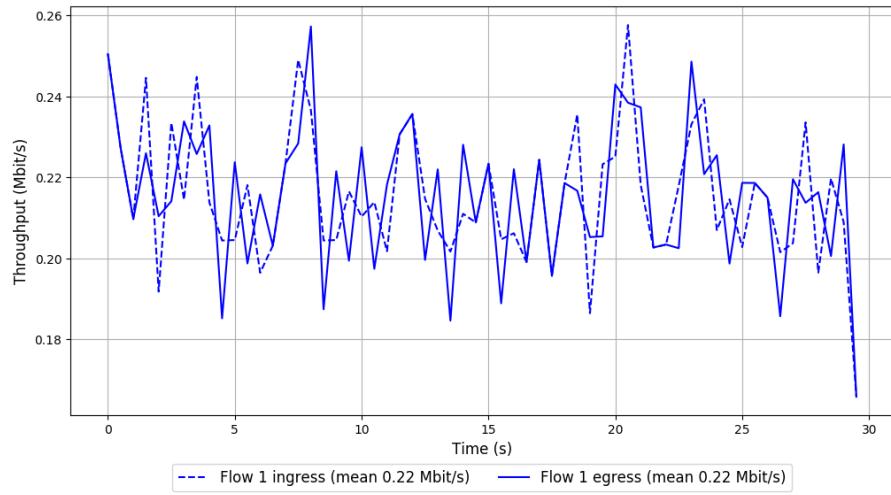


Run 1: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 20:10:27 +0000
End at: Mon, 24 Jul 2017 20:10:57 +0000
Local clock offset: 1.198 ms
Remote clock offset: -3.65 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.490 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

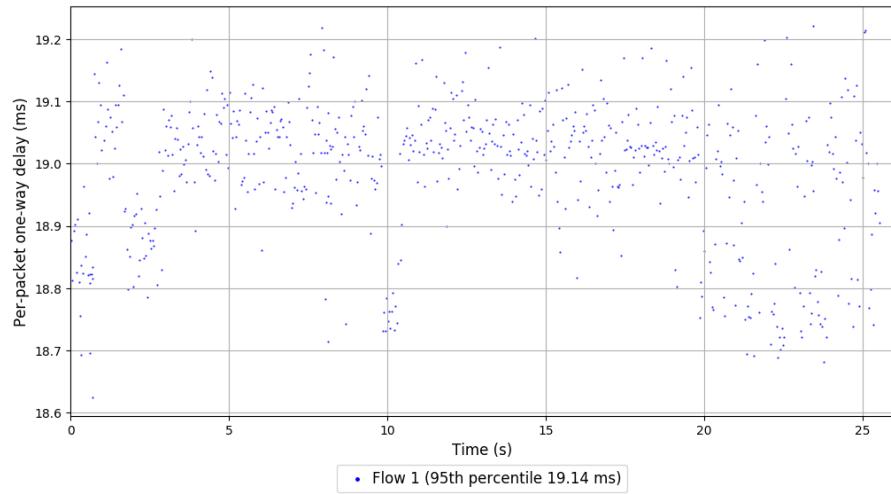
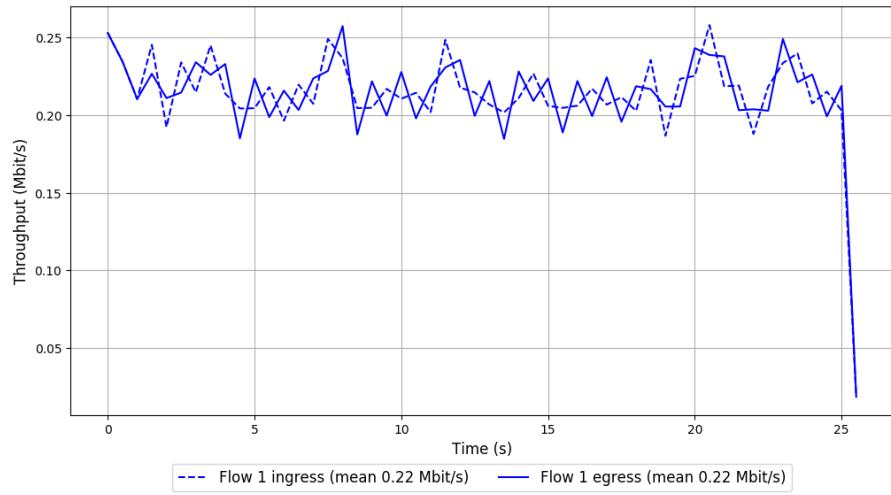


Run 2: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 20:30:23 +0000
End at: Mon, 24 Jul 2017 20:30:53 +0000
Local clock offset: 1.033 ms
Remote clock offset: -3.4 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.137 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.137 ms
Loss rate: 0.00%
```

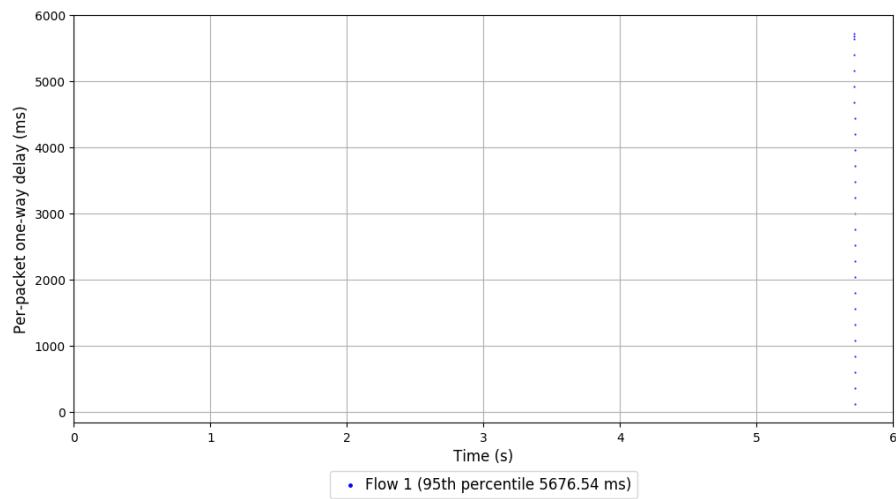
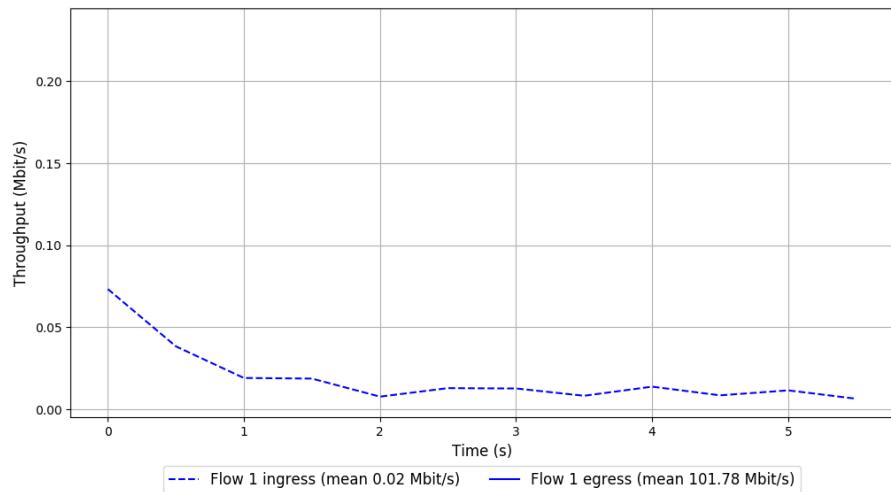
Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 20:50:34 +0000  
End at: Mon, 24 Jul 2017 20:51:04 +0000  
Local clock offset: 0.941 ms  
Remote clock offset: -2.799 ms

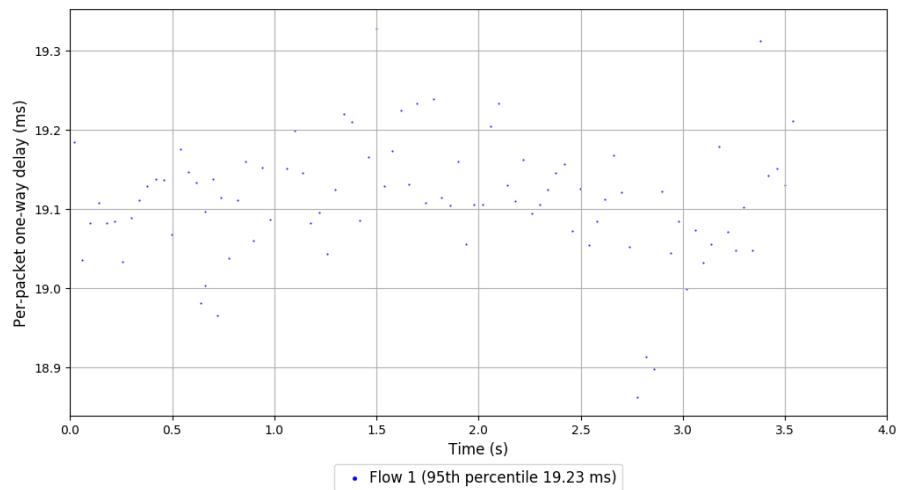
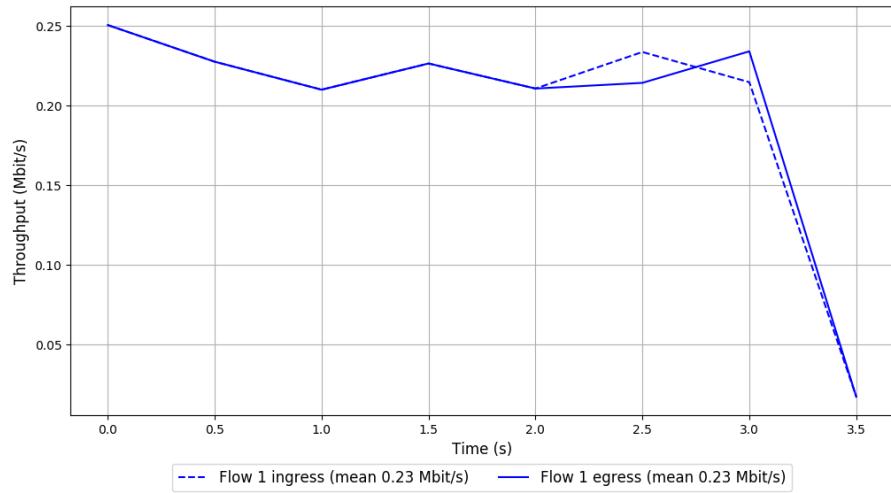
### Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 21:10:34 +0000  
End at: Mon, 24 Jul 2017 21:11:04 +0000  
Local clock offset: 0.881 ms  
Remote clock offset: -2.727 ms

## Run 4: Report of SCReAM — Data Link

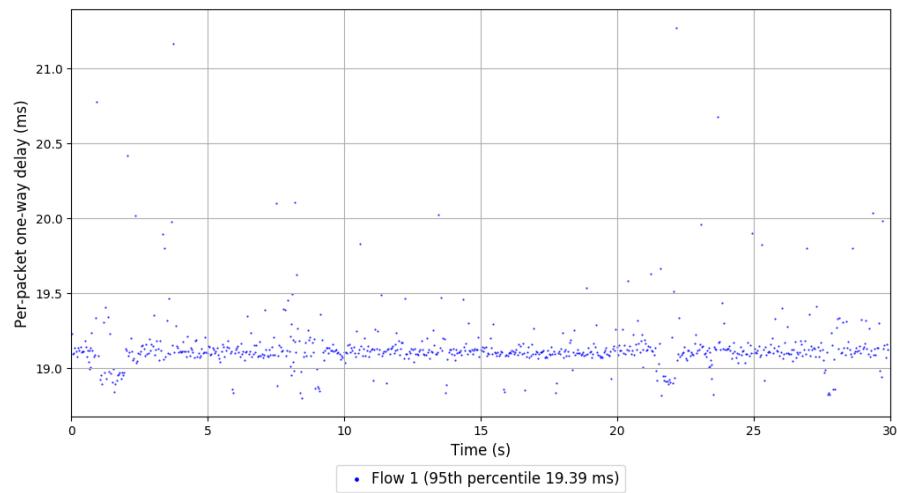
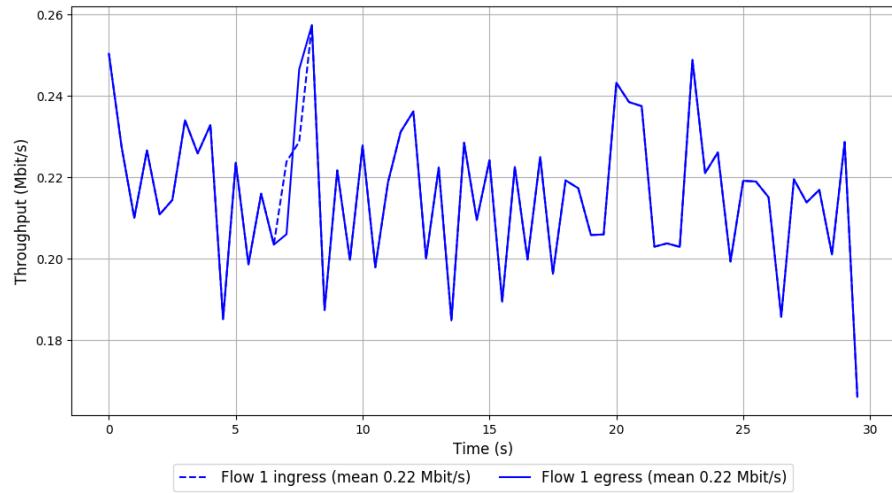


Run 5: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 21:30:22 +0000
End at: Mon, 24 Jul 2017 21:30:52 +0000
Local clock offset: 0.705 ms
Remote clock offset: -2.742 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.388 ms
Loss rate: 0.00%
```

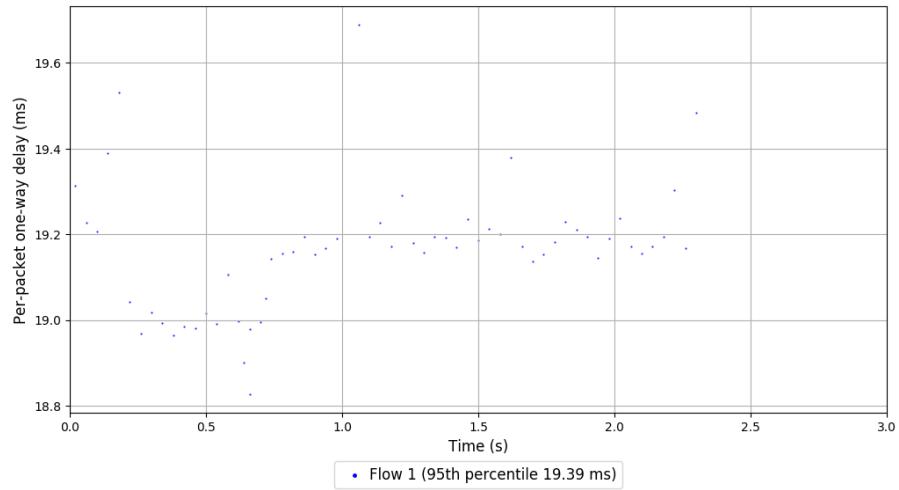
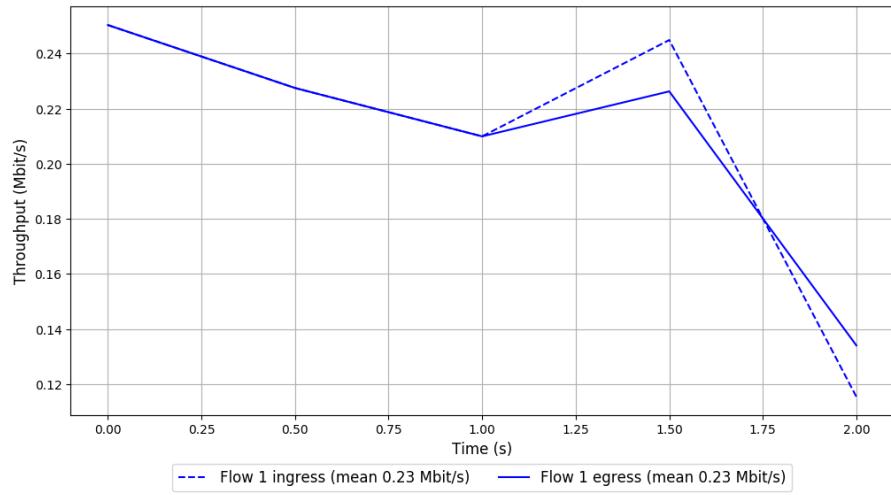
Run 5: Report of SCReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 21:50:35 +0000  
End at: Mon, 24 Jul 2017 21:51:05 +0000  
Local clock offset: 0.801 ms  
Remote clock offset: -2.774 ms

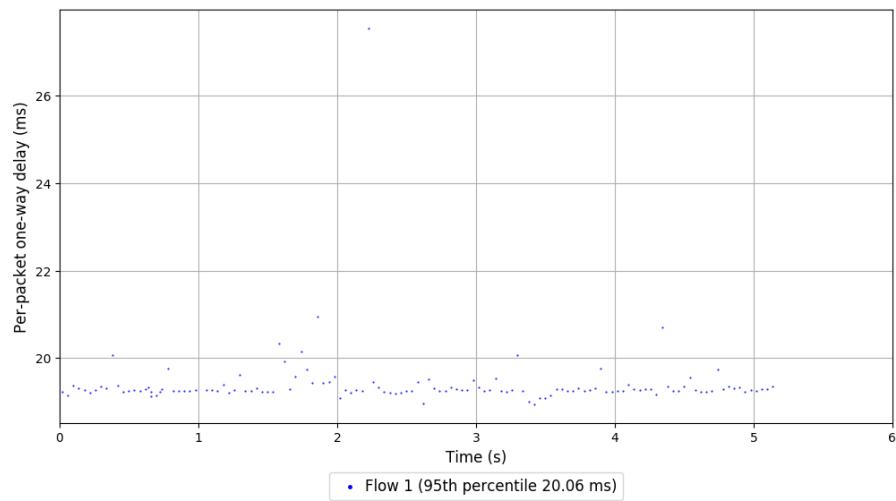
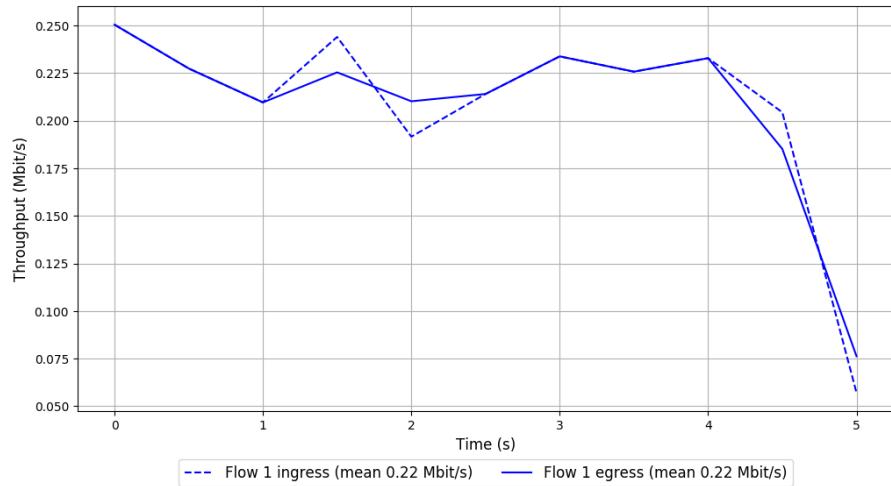
Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 22:10:44 +0000  
End at: Mon, 24 Jul 2017 22:11:14 +0000  
Local clock offset: 0.879 ms  
Remote clock offset: -2.851 ms

### Run 7: Report of SCReAM — Data Link

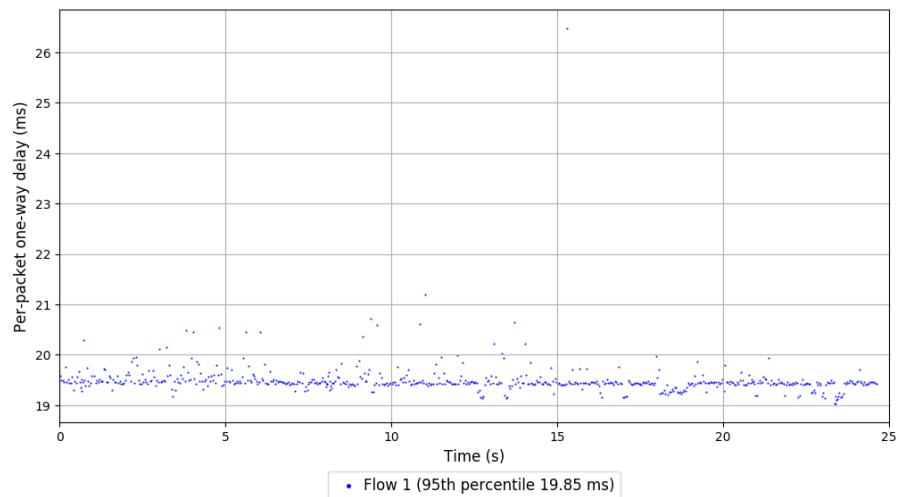
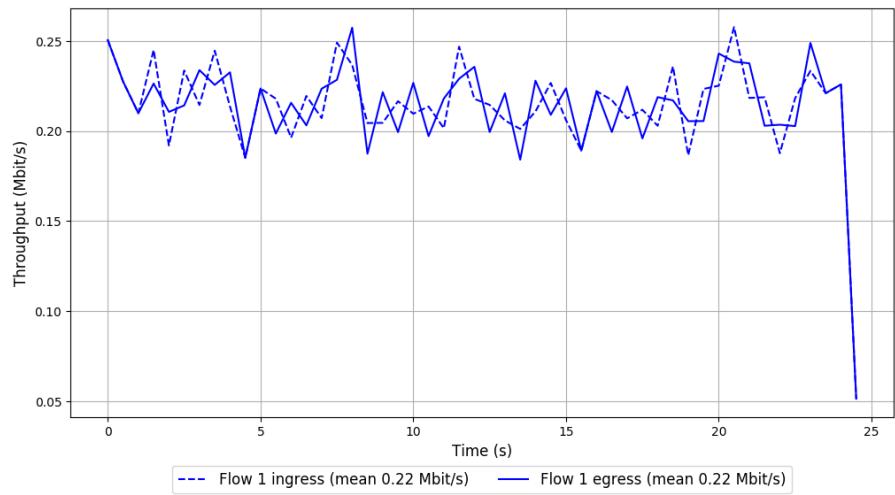


Run 8: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 22:30:53 +0000
End at: Mon, 24 Jul 2017 22:31:23 +0000
Local clock offset: 0.806 ms
Remote clock offset: -2.781 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.847 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

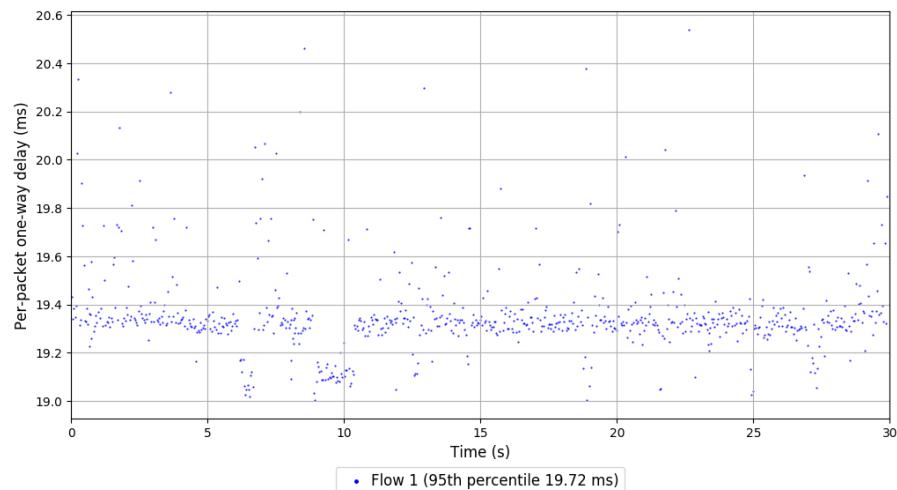
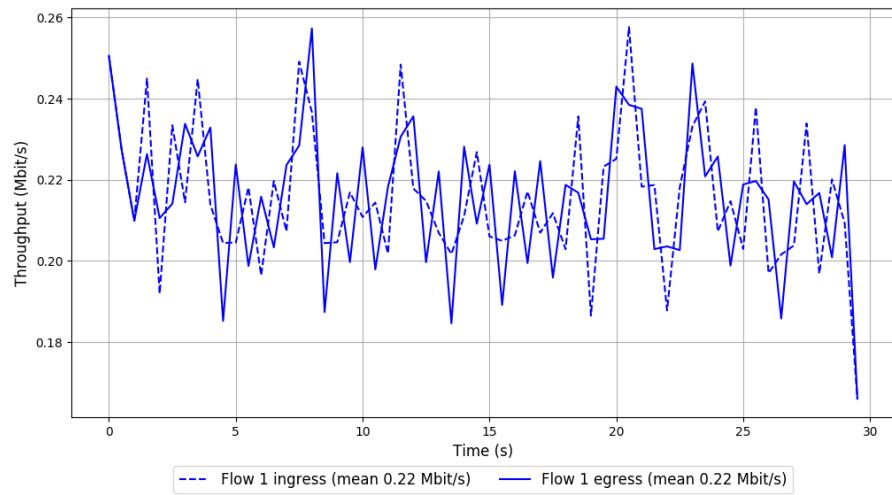


Run 9: Statistics of SCReAM

```
Start at: Mon, 24 Jul 2017 22:51:13 +0000
End at: Mon, 24 Jul 2017 22:51:43 +0000
Local clock offset: 0.574 ms
Remote clock offset: -2.762 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.720 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.720 ms
Loss rate: 0.00%
```

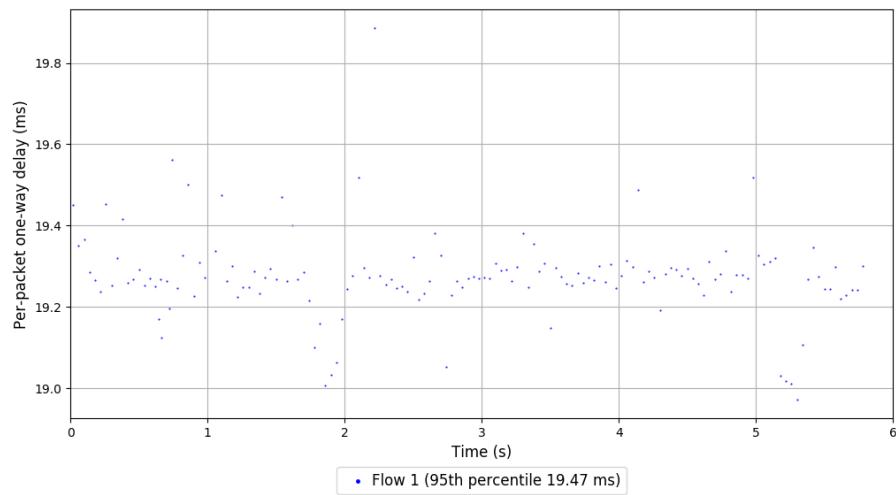
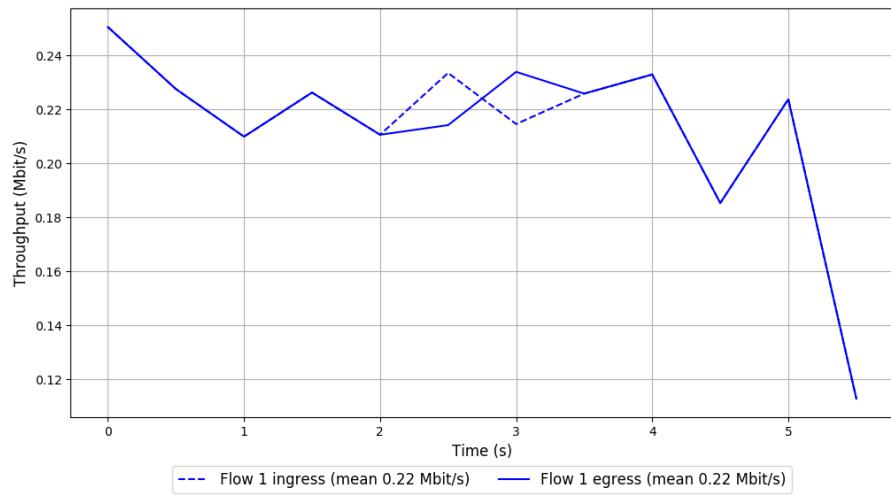
### Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:11:36 +0000  
End at: Mon, 24 Jul 2017 23:12:06 +0000  
Local clock offset: 0.628 ms  
Remote clock offset: -2.745 ms

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

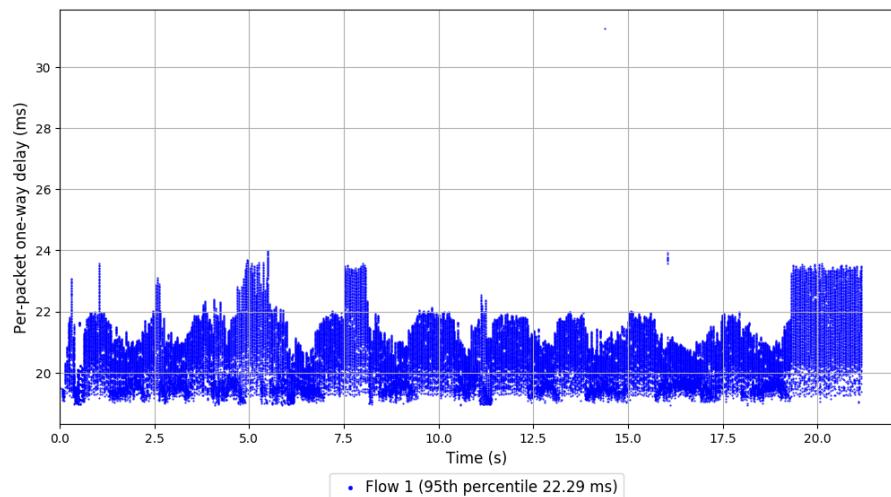
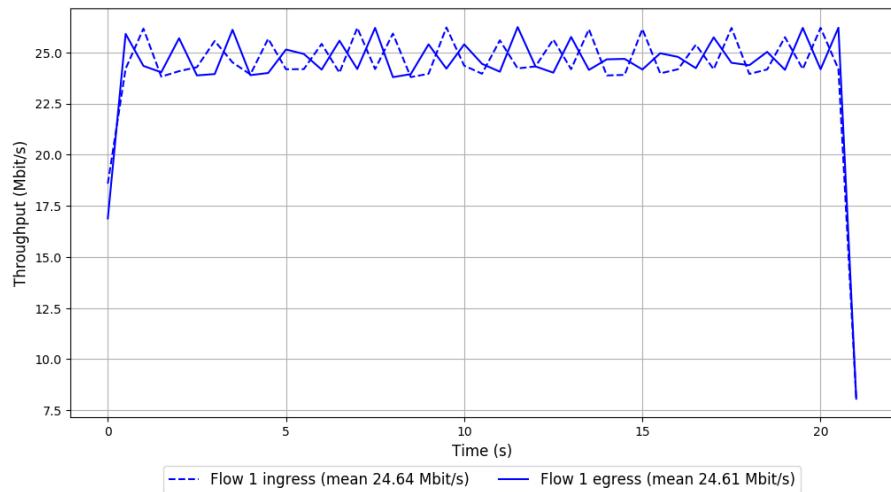
Start at: Mon, 24 Jul 2017 20:16:04 +0000

End at: Mon, 24 Jul 2017 20:16:34 +0000

Local clock offset: 1.211 ms

Remote clock offset: -3.566 ms

Run 1: Report of Sprout — Data Link

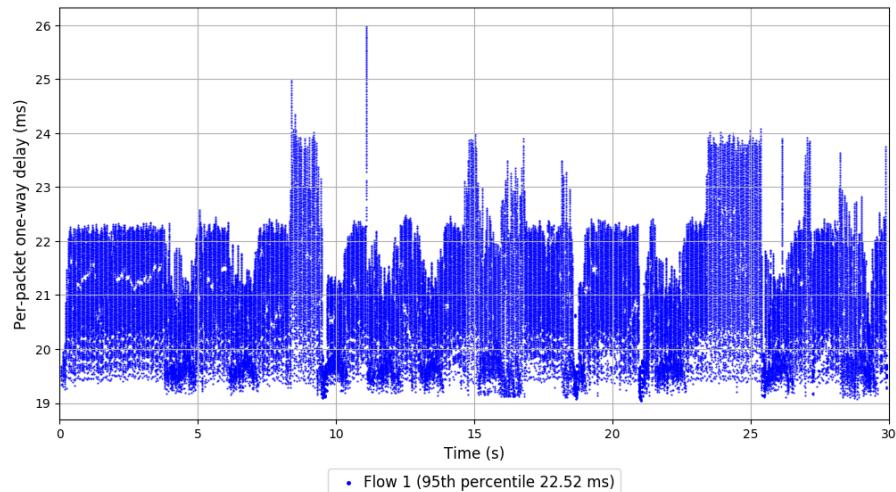
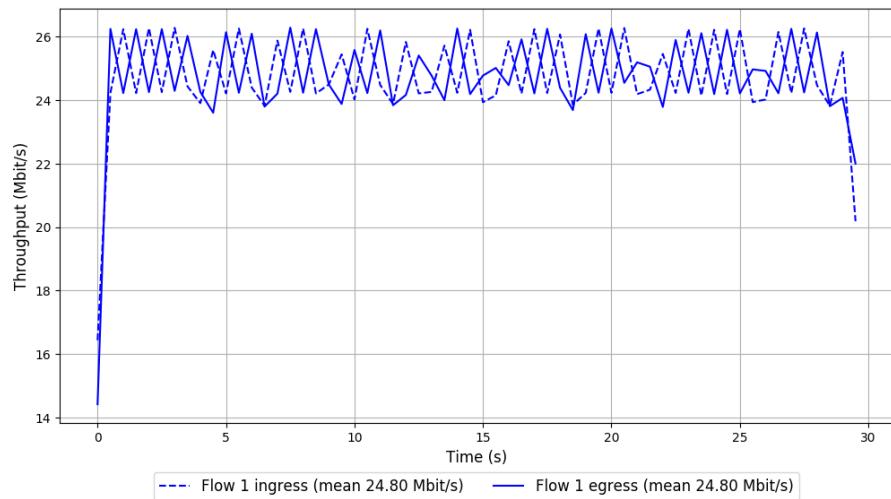


Run 2: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 20:35:52 +0000
End at: Mon, 24 Jul 2017 20:36:22 +0000
Local clock offset: 0.929 ms
Remote clock offset: -3.164 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 22.524 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 22.524 ms
Loss rate: 0.01%
```

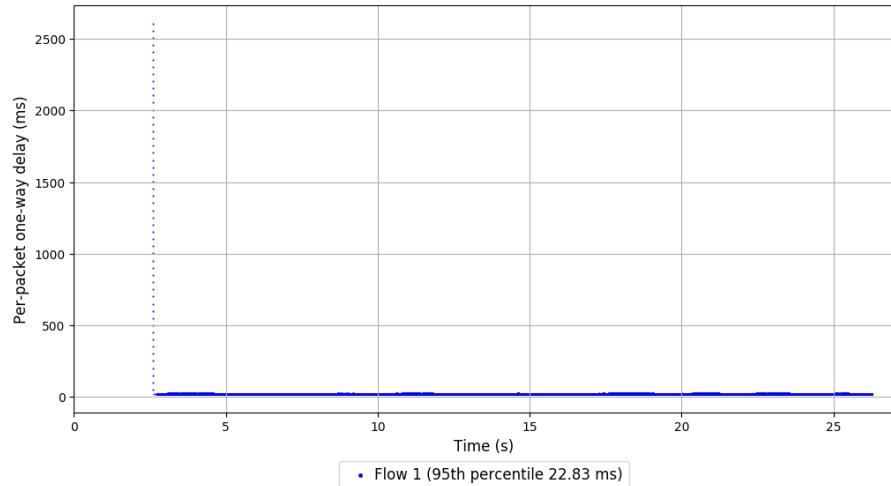
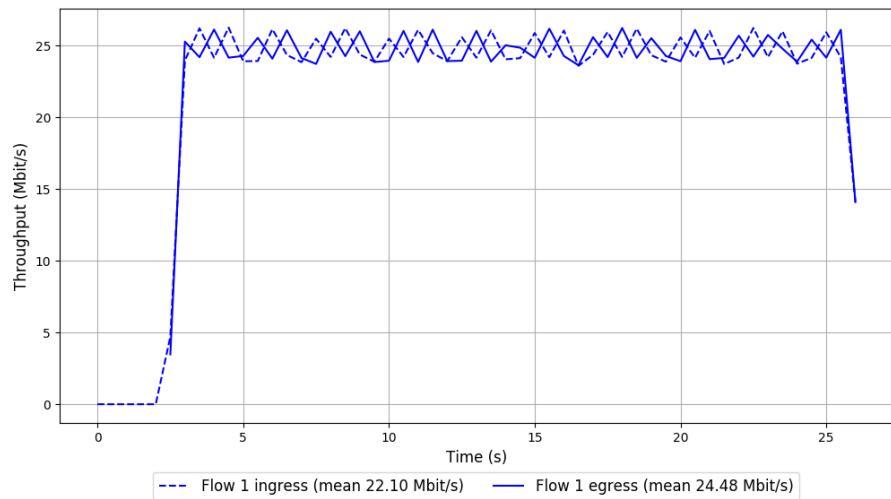
Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Mon, 24 Jul 2017 20:56:14 +0000  
End at: Mon, 24 Jul 2017 20:56:44 +0000  
Local clock offset: 0.949 ms  
Remote clock offset: -2.67 ms

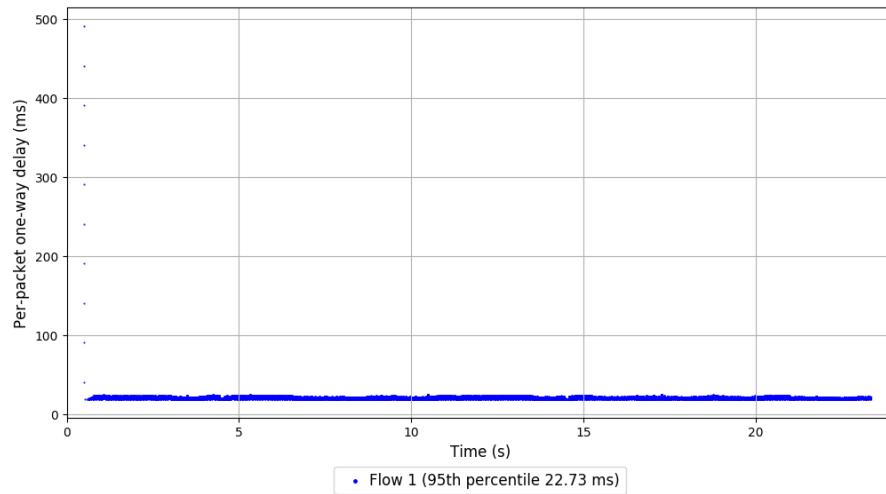
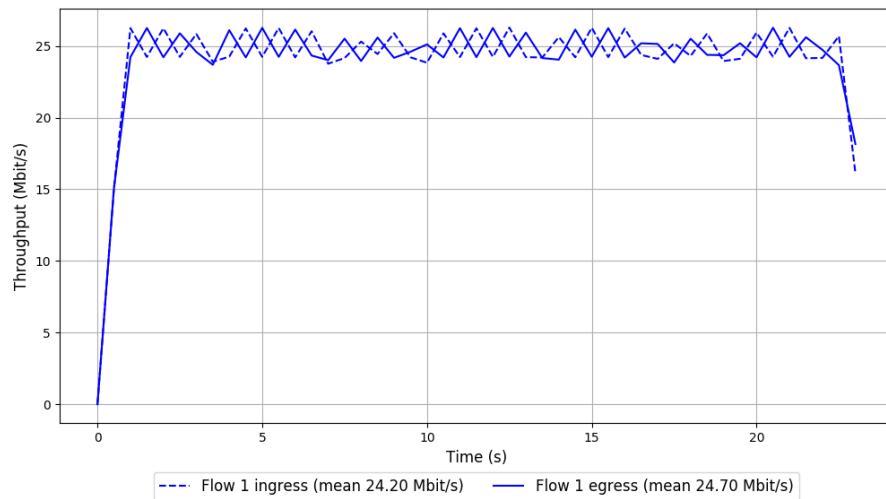
Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Mon, 24 Jul 2017 21:16:11 +0000  
End at: Mon, 24 Jul 2017 21:16:41 +0000  
Local clock offset: 0.802 ms  
Remote clock offset: -2.696 ms

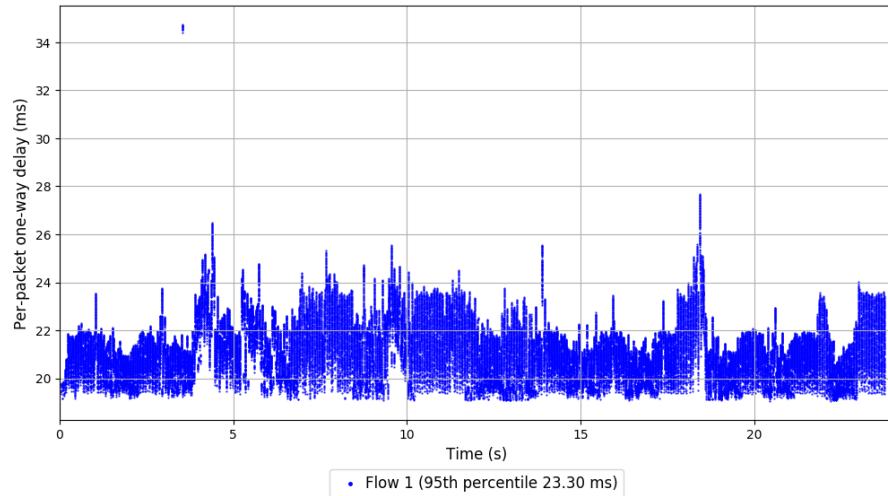
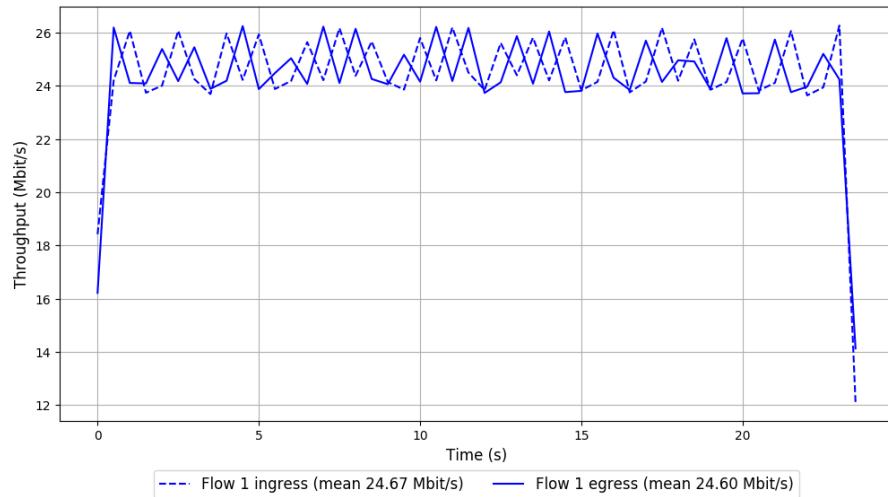
## Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Mon, 24 Jul 2017 21:36:01 +0000  
End at: Mon, 24 Jul 2017 21:36:31 +0000  
Local clock offset: 0.727 ms  
Remote clock offset: -2.816 ms

Run 5: Report of Sprout — Data Link

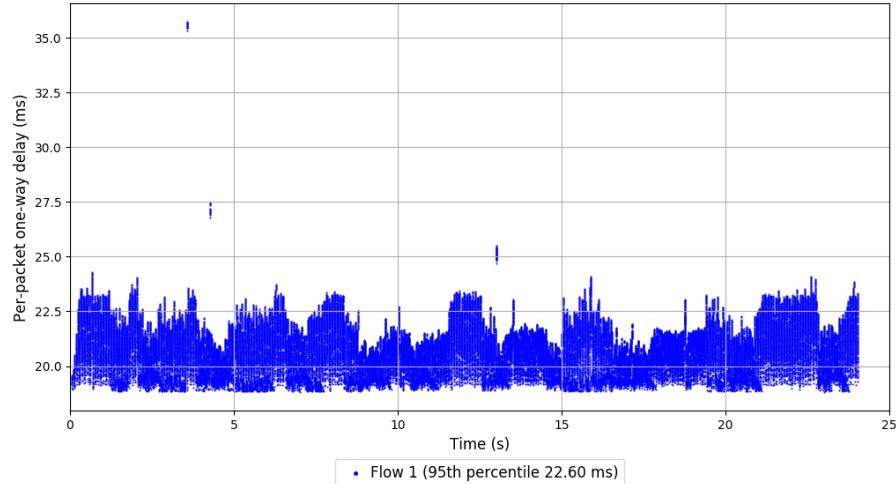
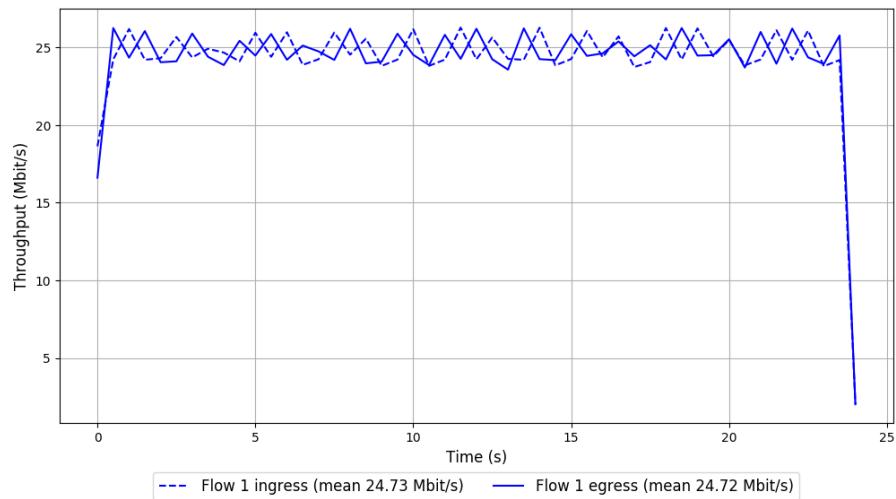


Run 6: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 21:56:14 +0000
End at: Mon, 24 Jul 2017 21:56:44 +0000
Local clock offset: 0.824 ms
Remote clock offset: -2.77 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 22.599 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 22.599 ms
Loss rate: 0.03%
```

Run 6: Report of Sprout — Data Link

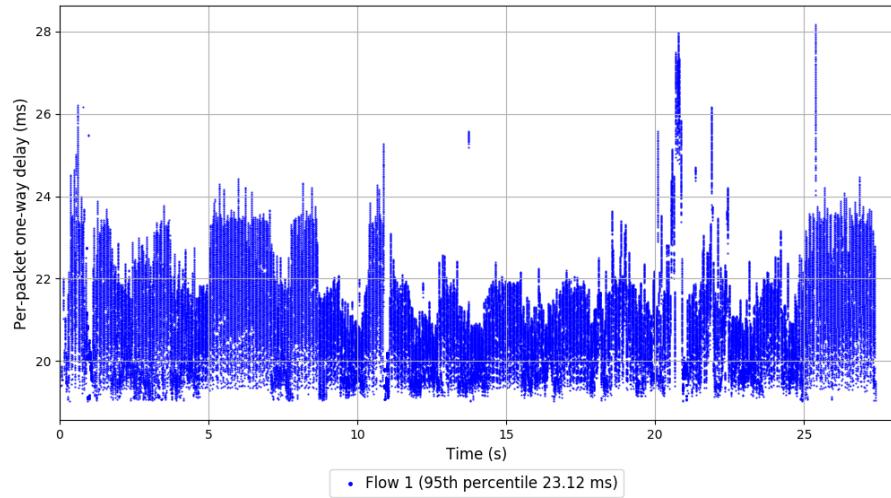
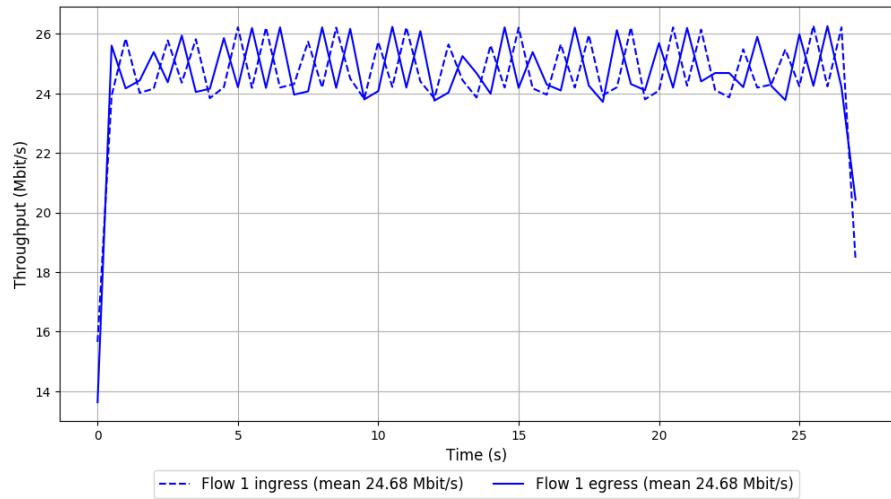


Run 7: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 22:16:23 +0000
End at: Mon, 24 Jul 2017 22:16:53 +0000
Local clock offset: 0.812 ms
Remote clock offset: -2.795 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 23.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 23.116 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

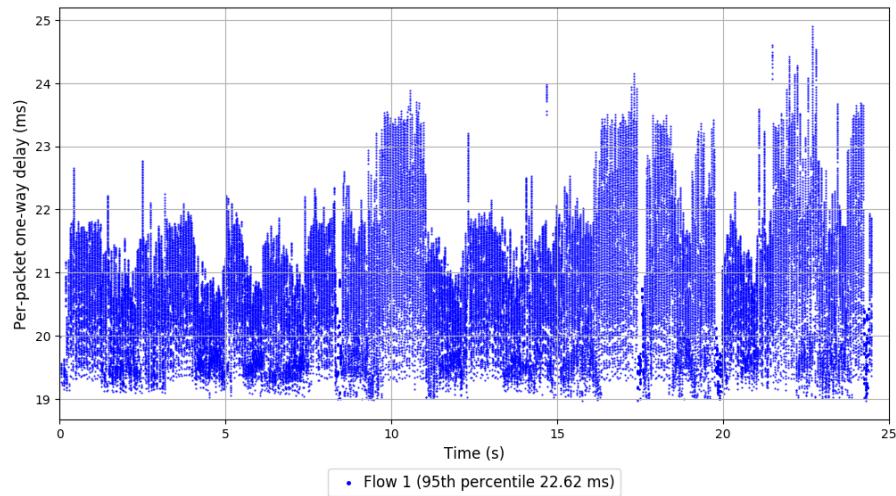
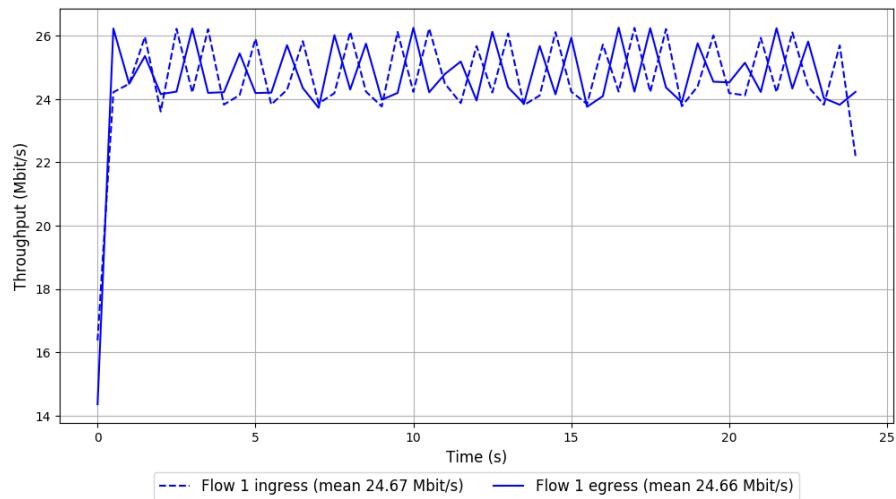


Run 8: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 22:36:33 +0000
End at: Mon, 24 Jul 2017 22:37:03 +0000
Local clock offset: 0.83 ms
Remote clock offset: -2.727 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 22.618 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 22.618 ms
Loss rate: 0.04%
```

Run 8: Report of Sprout — Data Link

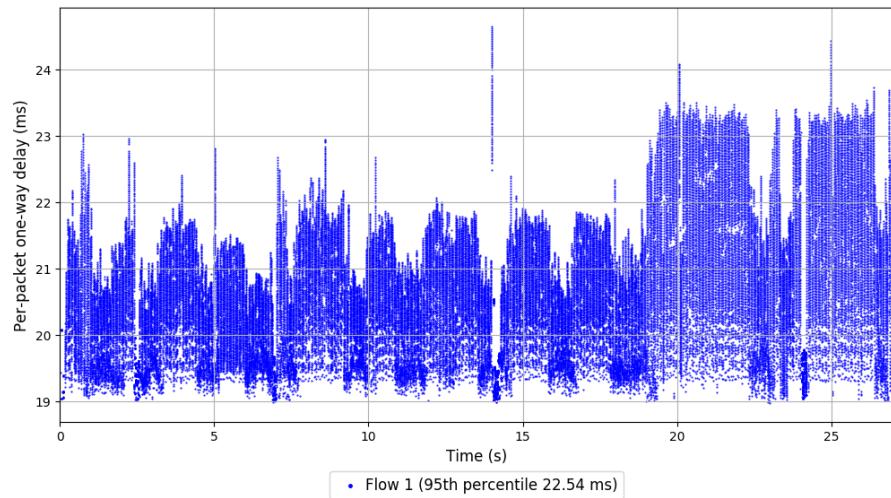
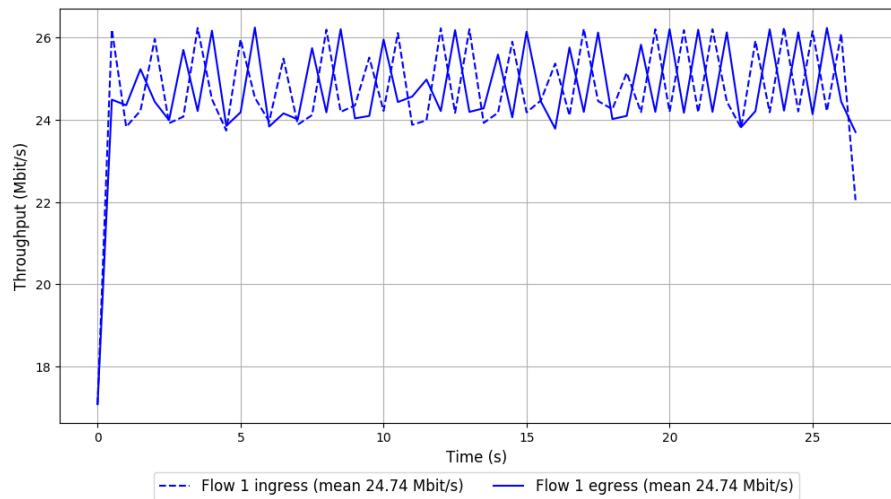


Run 9: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 22:56:50 +0000
End at: Mon, 24 Jul 2017 22:57:20 +0000
Local clock offset: 0.573 ms
Remote clock offset: -2.721 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 22.542 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 22.542 ms
Loss rate: 0.01%
```

Run 9: Report of Sprout — Data Link

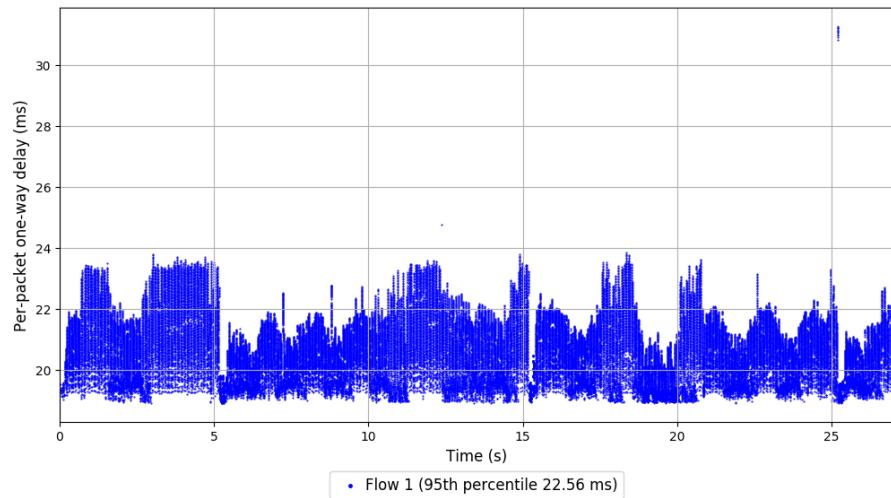
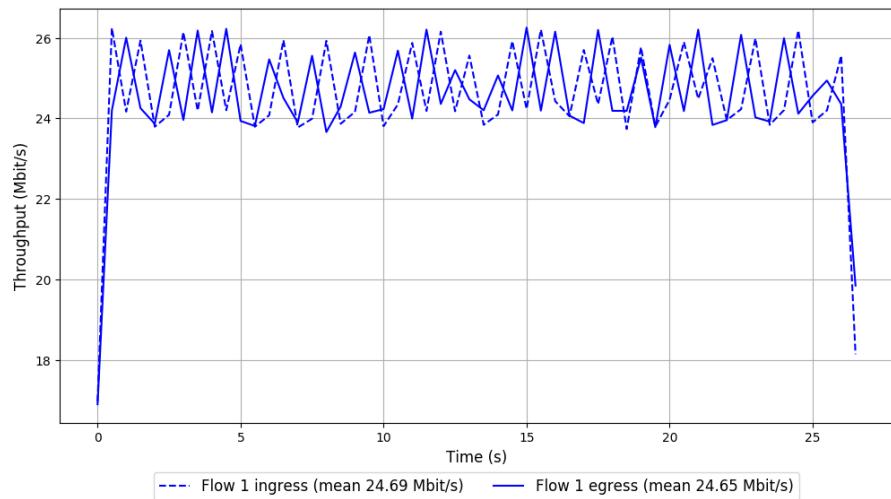


Run 10: Statistics of Sprout

```
Start at: Mon, 24 Jul 2017 23:17:18 +0000
End at: Mon, 24 Jul 2017 23:17:49 +0000
Local clock offset: 0.587 ms
Remote clock offset: -2.802 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:36:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 22.562 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 22.562 ms
Loss rate: 0.15%
```

Run 10: Report of Sprout — Data Link

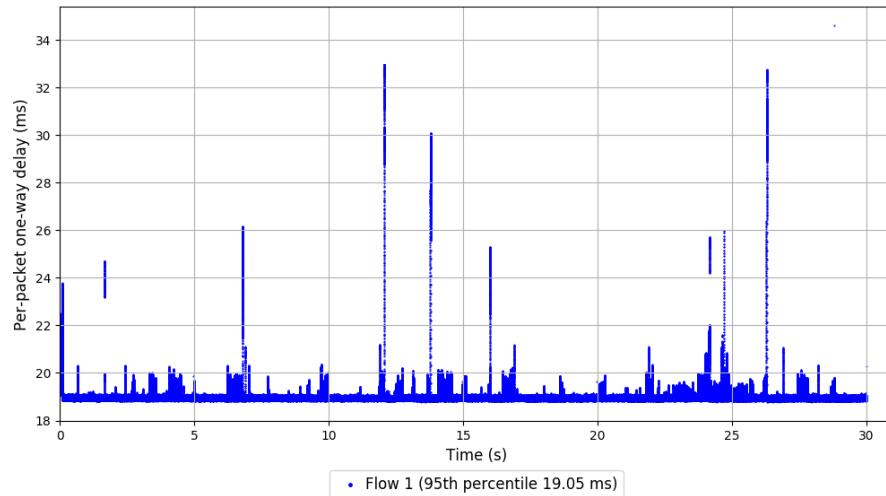
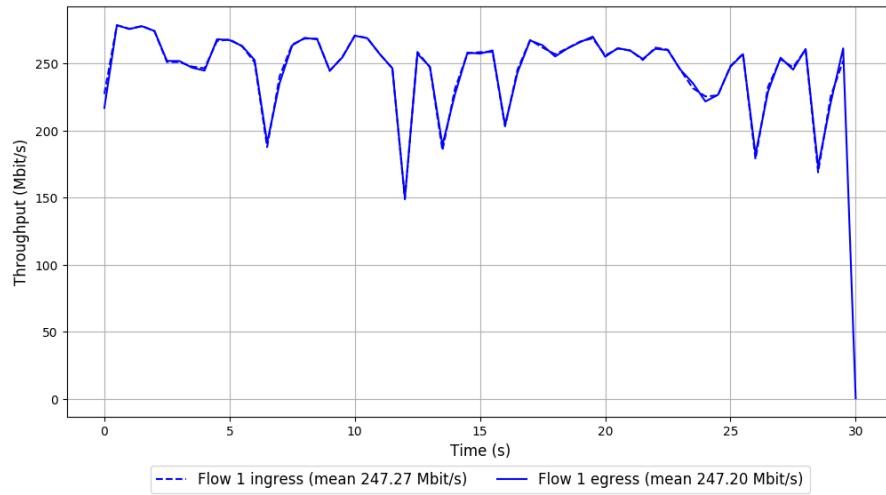


Run 1: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 20:11:37 +0000
End at: Mon, 24 Jul 2017 20:12:07 +0000
Local clock offset: 1.295 ms
Remote clock offset: -3.691 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:37:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 247.20 Mbit/s
95th percentile per-packet one-way delay: 19.055 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 247.20 Mbit/s
95th percentile per-packet one-way delay: 19.055 ms
Loss rate: 0.03%
```

Run 1: Report of TaoVA-100x — Data Link

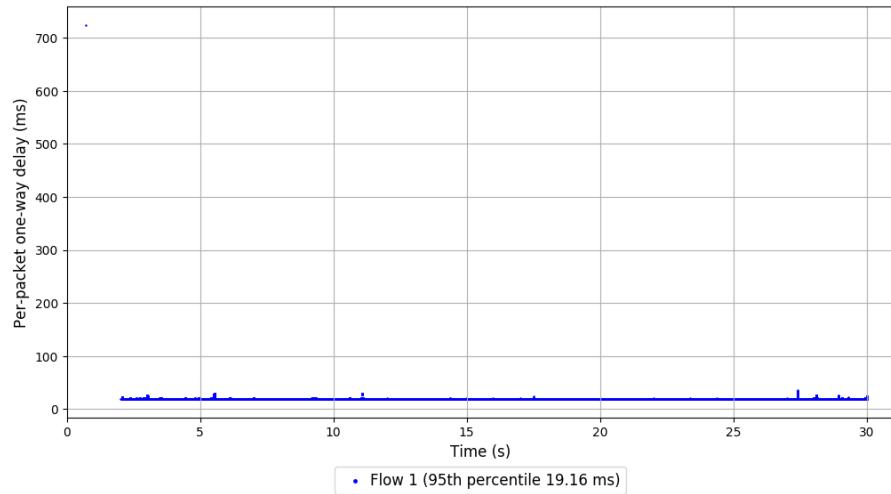
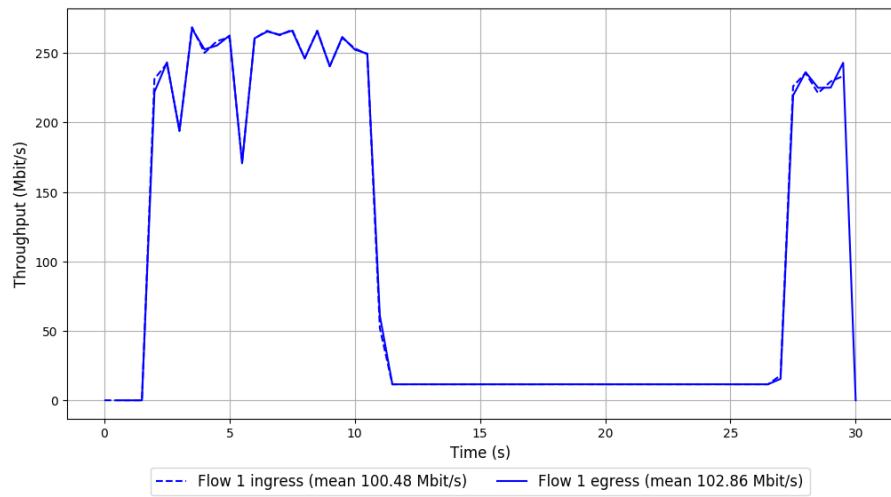


Run 2: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 20:31:32 +0000
End at: Mon, 24 Jul 2017 20:32:02 +0000
Local clock offset: 0.952 ms
Remote clock offset: -3.384 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:37:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 102.86 Mbit/s
95th percentile per-packet one-way delay: 19.161 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 102.86 Mbit/s
95th percentile per-packet one-way delay: 19.161 ms
Loss rate: 0.03%
```

Run 2: Report of TaoVA-100x — Data Link

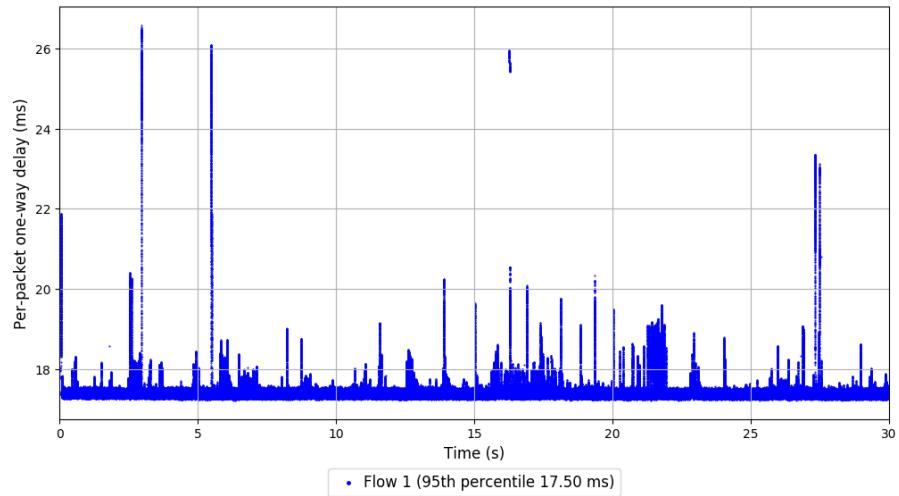
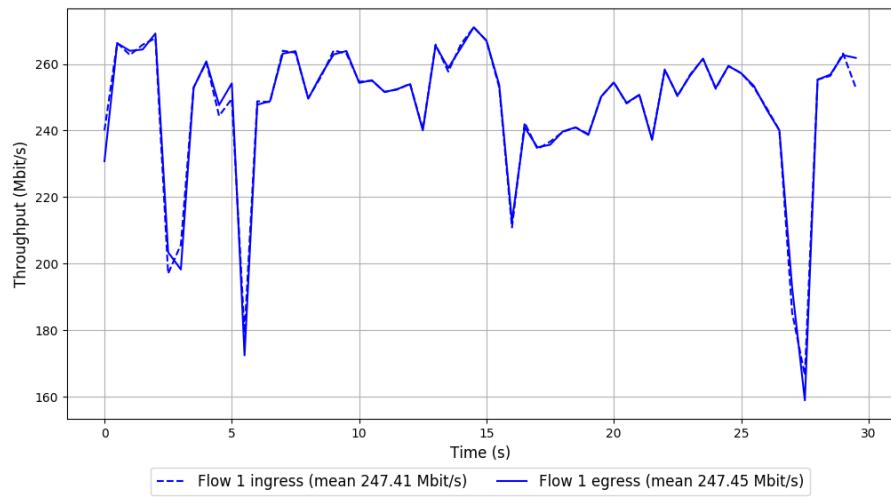


Run 3: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 20:51:44 +0000
End at: Mon, 24 Jul 2017 20:52:14 +0000
Local clock offset: 0.957 ms
Remote clock offset: -2.785 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:37:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 247.45 Mbit/s
95th percentile per-packet one-way delay: 17.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 247.45 Mbit/s
95th percentile per-packet one-way delay: 17.504 ms
Loss rate: 0.00%
```

Run 3: Report of TaoVA-100x — Data Link

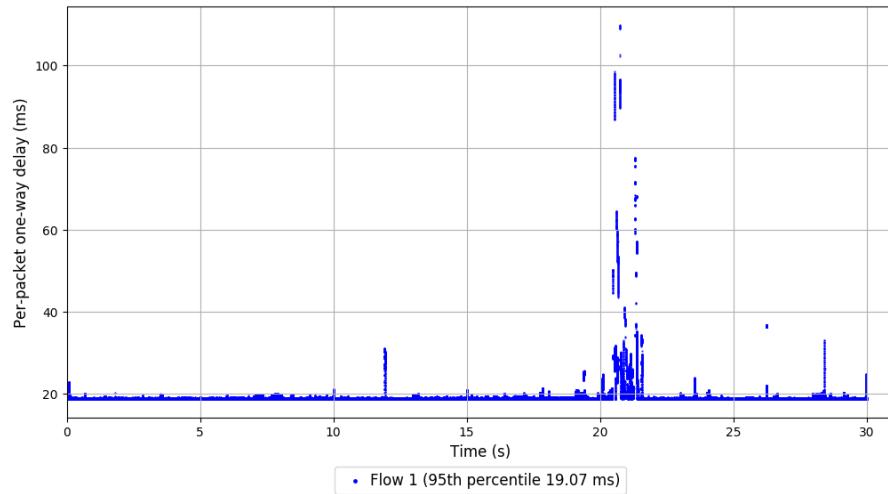
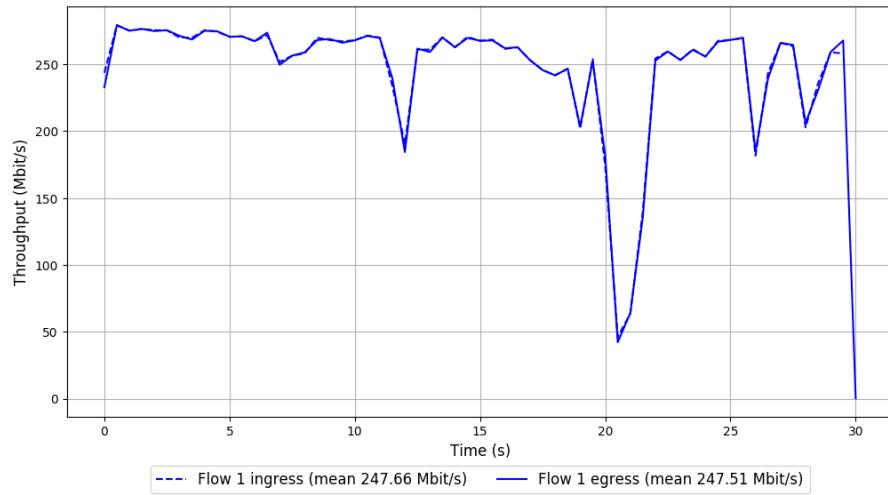


Run 4: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 21:11:43 +0000
End at: Mon, 24 Jul 2017 21:12:13 +0000
Local clock offset: 0.865 ms
Remote clock offset: -2.769 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:38:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 247.51 Mbit/s
95th percentile per-packet one-way delay: 19.067 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 247.51 Mbit/s
95th percentile per-packet one-way delay: 19.067 ms
Loss rate: 0.07%
```

Run 4: Report of TaoVA-100x — Data Link

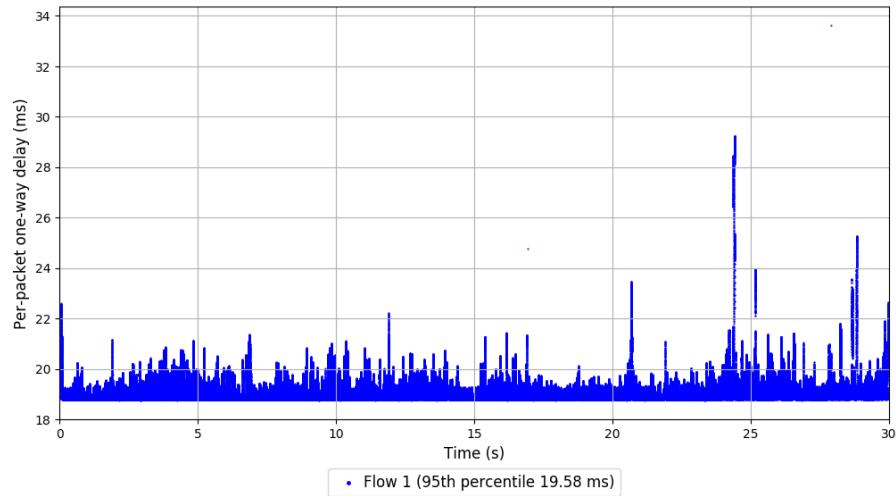
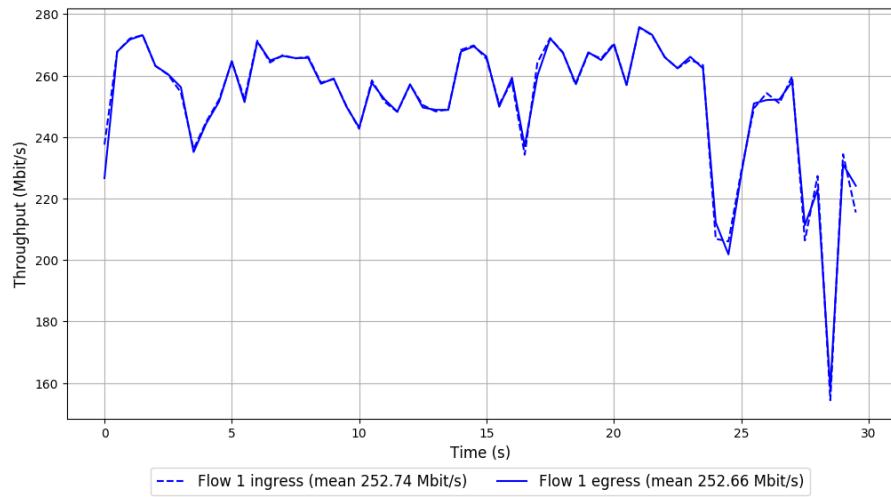


Run 5: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 21:31:32 +0000
End at: Mon, 24 Jul 2017 21:32:02 +0000
Local clock offset: 0.692 ms
Remote clock offset: -2.735 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:38:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 252.66 Mbit/s
95th percentile per-packet one-way delay: 19.578 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 252.66 Mbit/s
95th percentile per-packet one-way delay: 19.578 ms
Loss rate: 0.03%
```

Run 5: Report of TaoVA-100x — Data Link

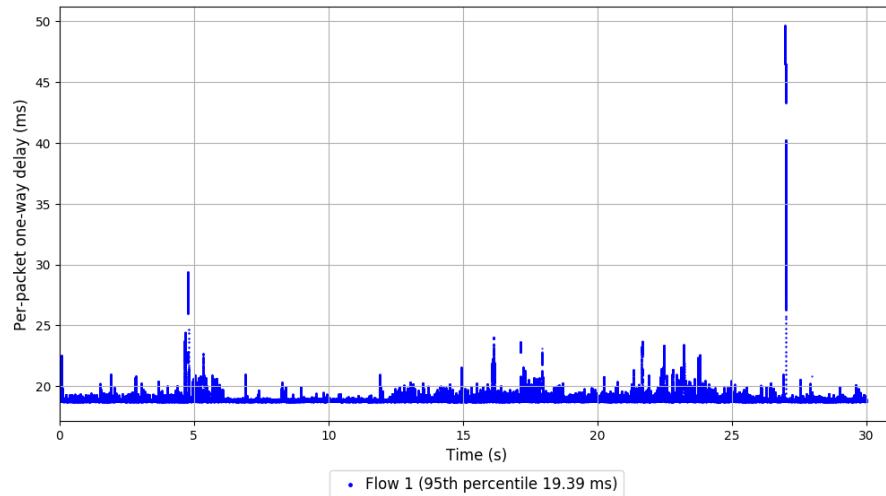
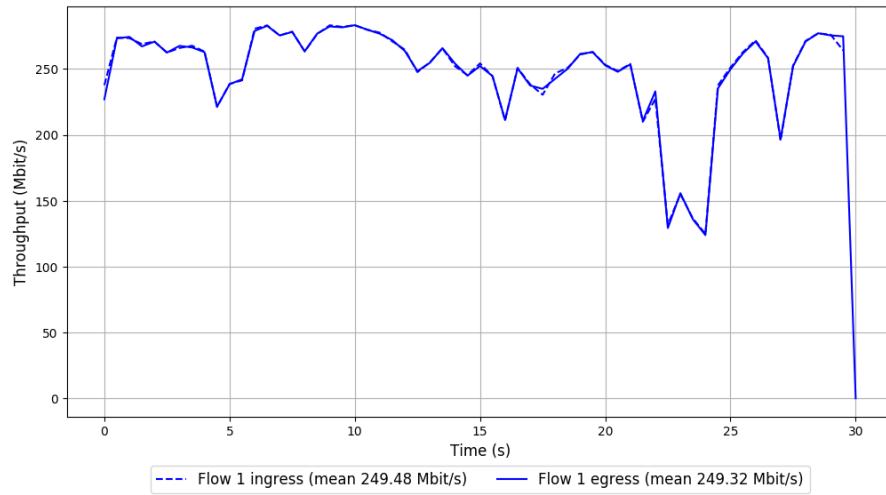


Run 6: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 21:51:45 +0000
End at: Mon, 24 Jul 2017 21:52:15 +0000
Local clock offset: 0.807 ms
Remote clock offset: -2.826 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:39:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.32 Mbit/s
95th percentile per-packet one-way delay: 19.391 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 249.32 Mbit/s
95th percentile per-packet one-way delay: 19.391 ms
Loss rate: 0.07%
```

Run 6: Report of TaoVA-100x — Data Link



Run 7: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 22:11:54 +0000

End at: Mon, 24 Jul 2017 22:12:24 +0000

Local clock offset: 0.902 ms

Remote clock offset: -2.842 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:39:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 246.04 Mbit/s

95th percentile per-packet one-way delay: 19.439 ms

Loss rate: 0.00%

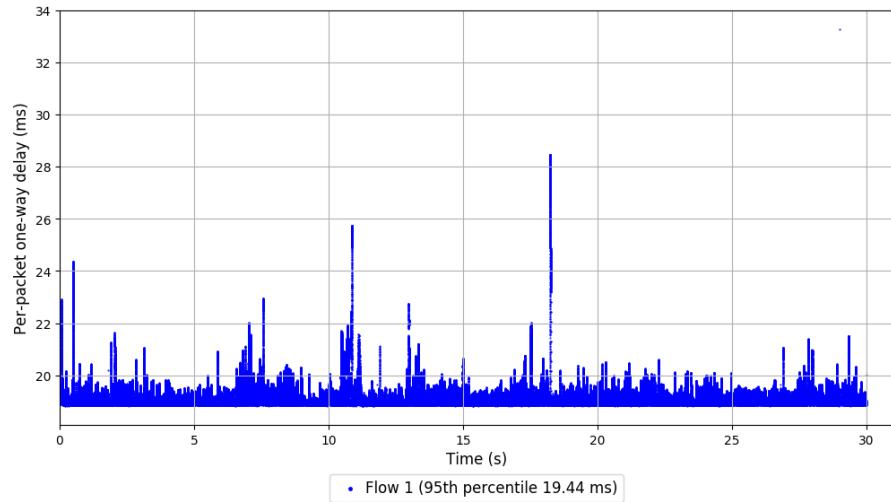
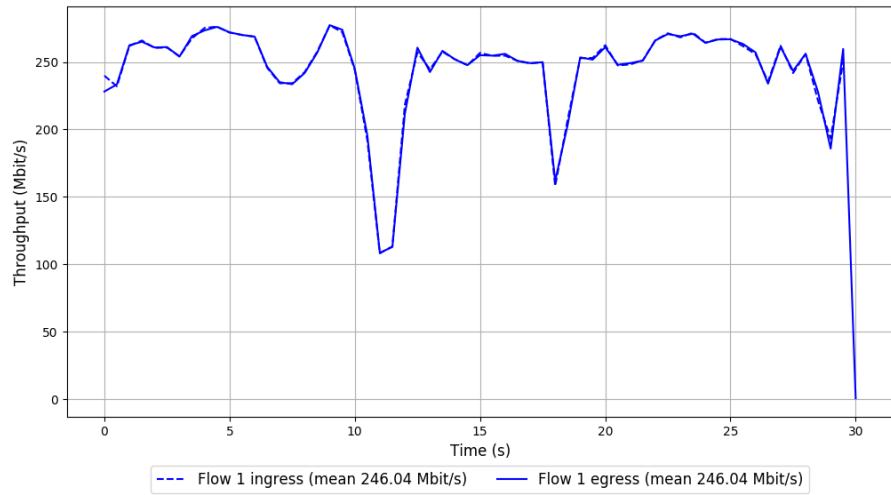
-- Flow 1:

Average throughput: 246.04 Mbit/s

95th percentile per-packet one-way delay: 19.439 ms

Loss rate: 0.00%

Run 7: Report of TaoVA-100x — Data Link

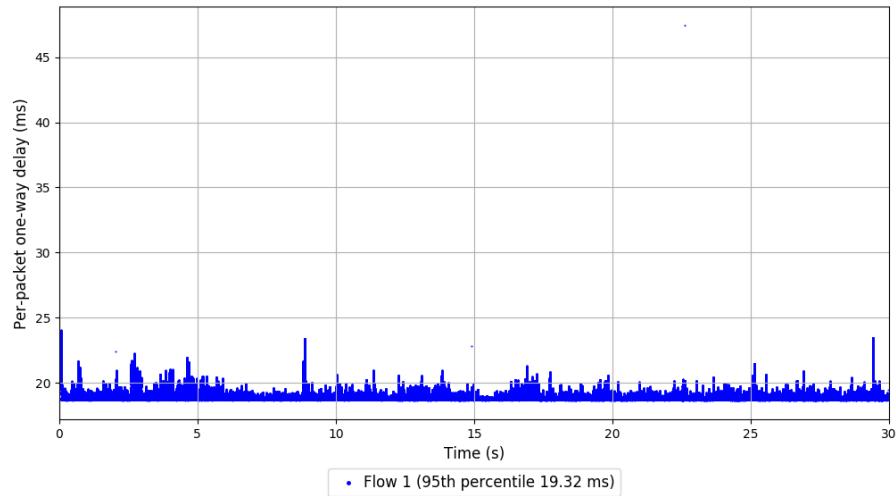
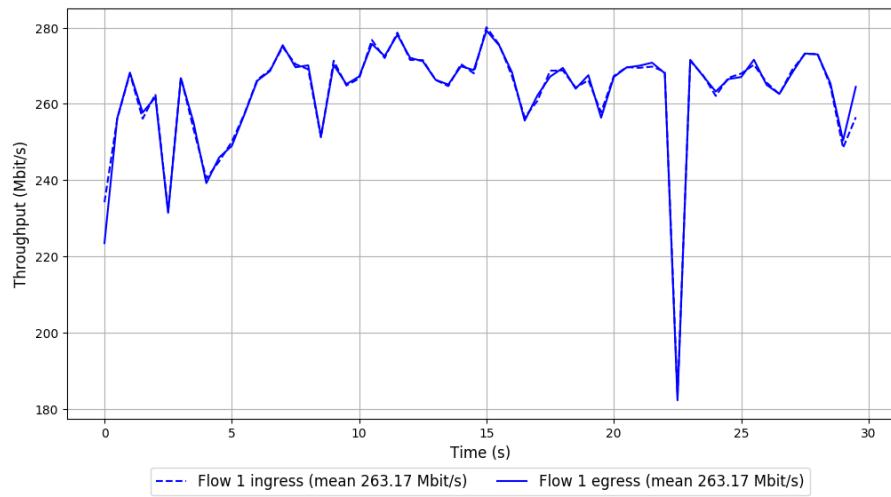


Run 8: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 22:32:03 +0000
End at: Mon, 24 Jul 2017 22:32:33 +0000
Local clock offset: 0.808 ms
Remote clock offset: -2.837 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:40:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 263.17 Mbit/s
95th percentile per-packet one-way delay: 19.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 263.17 Mbit/s
95th percentile per-packet one-way delay: 19.325 ms
Loss rate: 0.00%
```

Run 8: Report of TaoVA-100x — Data Link

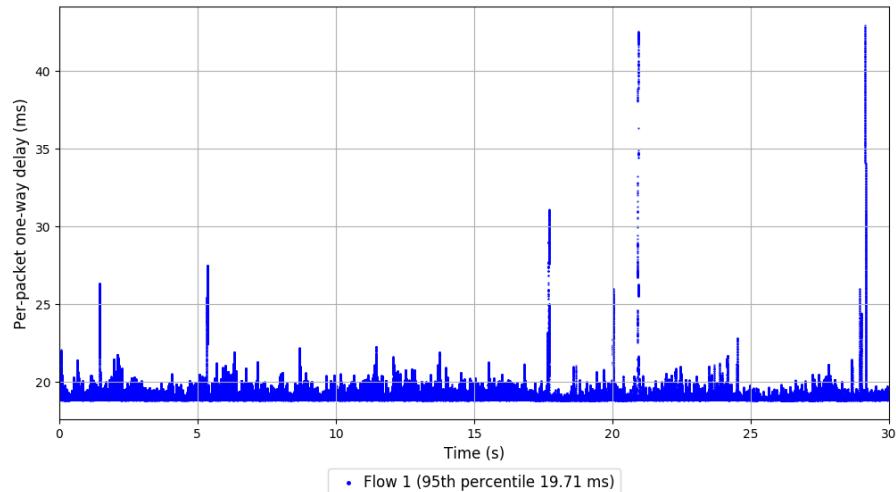
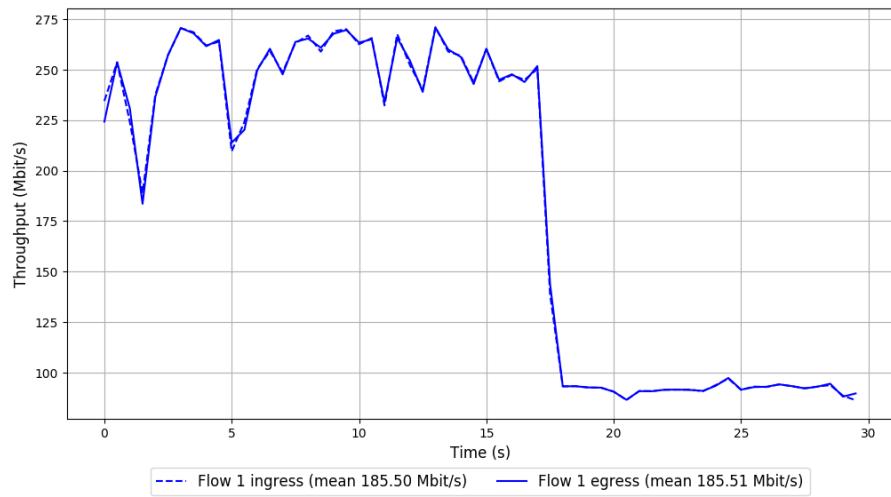


Run 9: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 22:52:23 +0000
End at: Mon, 24 Jul 2017 22:52:53 +0000
Local clock offset: 0.662 ms
Remote clock offset: -2.761 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:40:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 185.51 Mbit/s
95th percentile per-packet one-way delay: 19.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.51 Mbit/s
95th percentile per-packet one-way delay: 19.709 ms
Loss rate: 0.00%
```

Run 9: Report of TaoVA-100x — Data Link

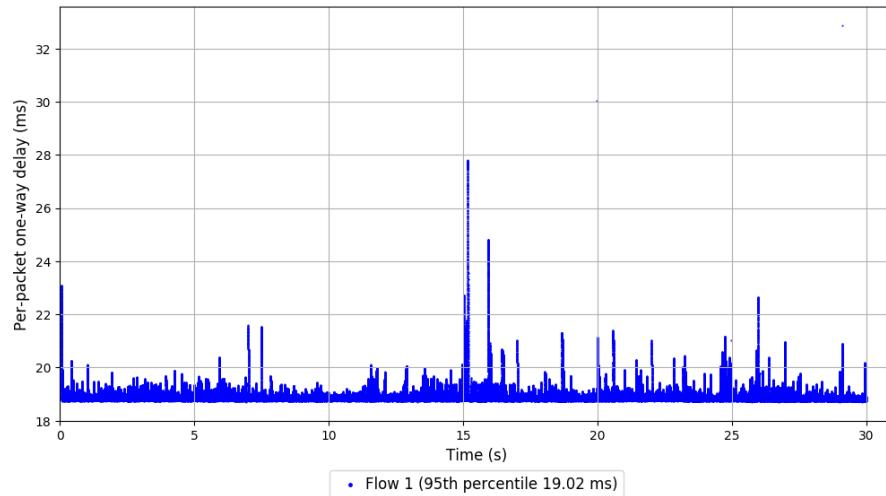
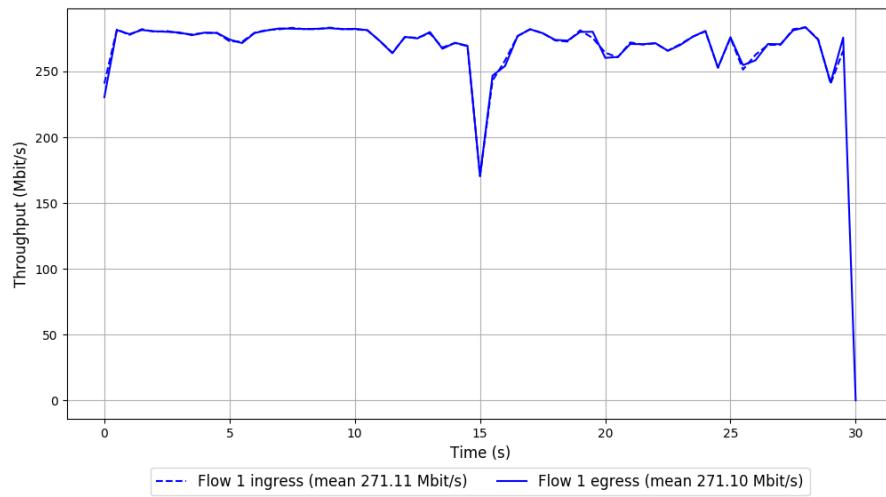


Run 10: Statistics of TaoVA-100x

```
Start at: Mon, 24 Jul 2017 23:12:46 +0000
End at: Mon, 24 Jul 2017 23:13:16 +0000
Local clock offset: 0.567 ms
Remote clock offset: -2.69 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 271.10 Mbit/s
95th percentile per-packet one-way delay: 19.024 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 271.10 Mbit/s
95th percentile per-packet one-way delay: 19.024 ms
Loss rate: 0.01%
```

Run 10: Report of TaoVA-100x — Data Link

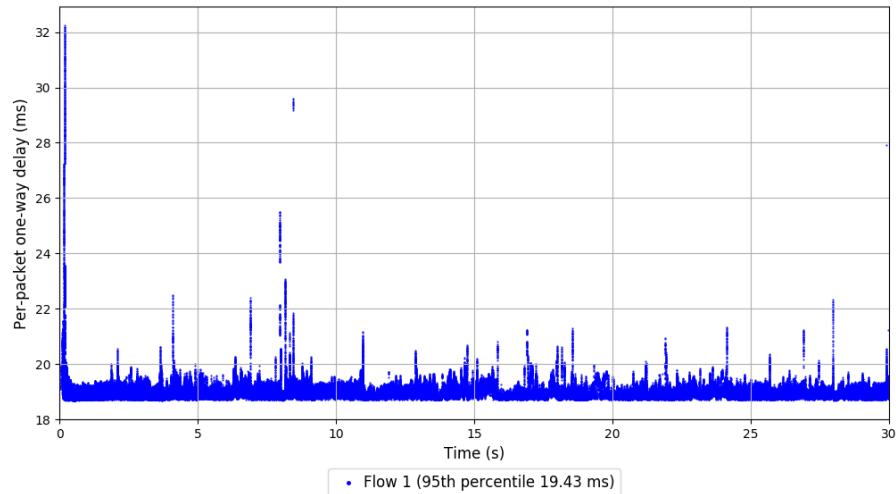
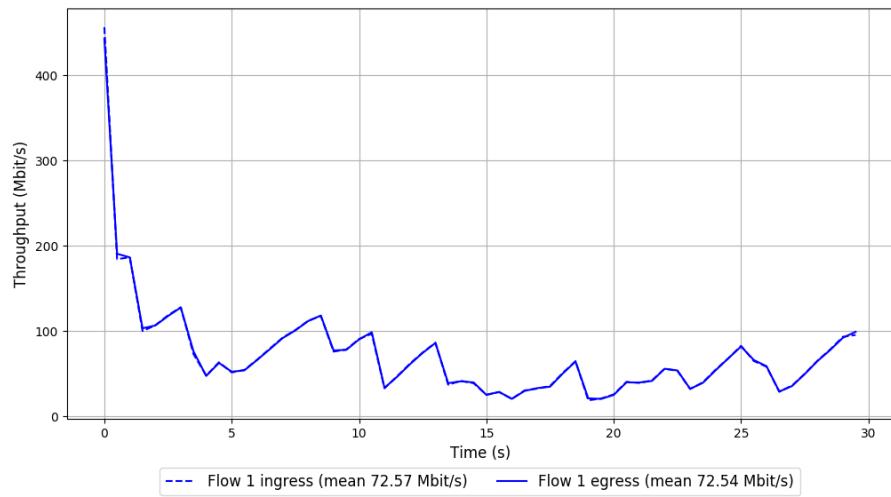


Run 1: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 20:07:56 +0000
End at: Mon, 24 Jul 2017 20:08:26 +0000
Local clock offset: 1.186 ms
Remote clock offset: -3.721 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.54 Mbit/s
95th percentile per-packet one-way delay: 19.425 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 72.54 Mbit/s
95th percentile per-packet one-way delay: 19.425 ms
Loss rate: 0.04%
```

### Run 1: Report of TCP Vegas — Data Link

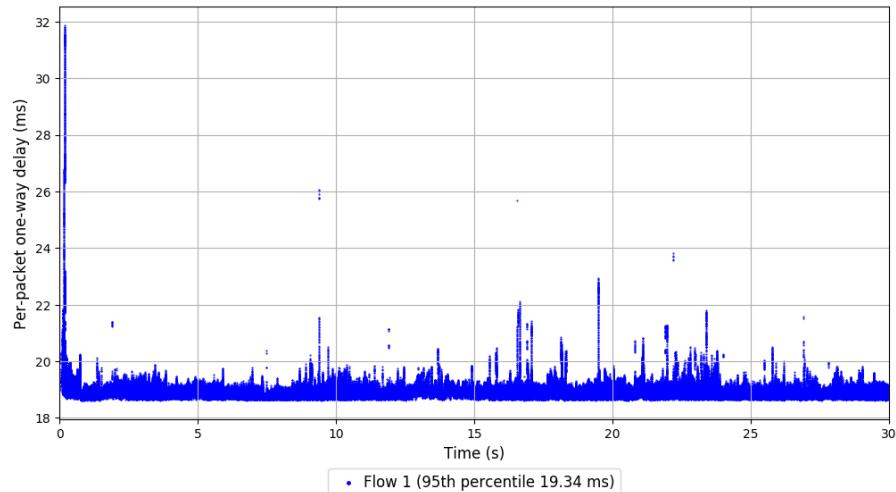
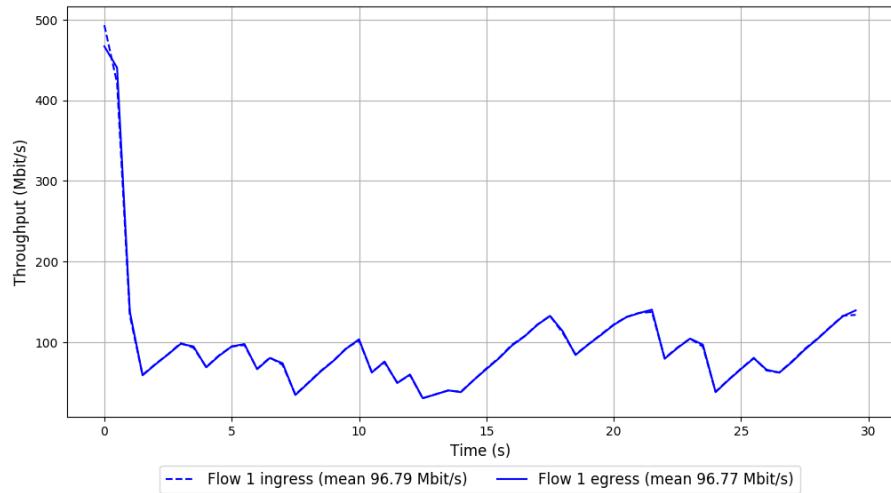


Run 2: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 20:27:50 +0000
End at: Mon, 24 Jul 2017 20:28:20 +0000
Local clock offset: 1.067 ms
Remote clock offset: -3.433 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 19.341 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 19.341 ms
Loss rate: 0.02%
```

## Run 2: Report of TCP Vegas — Data Link

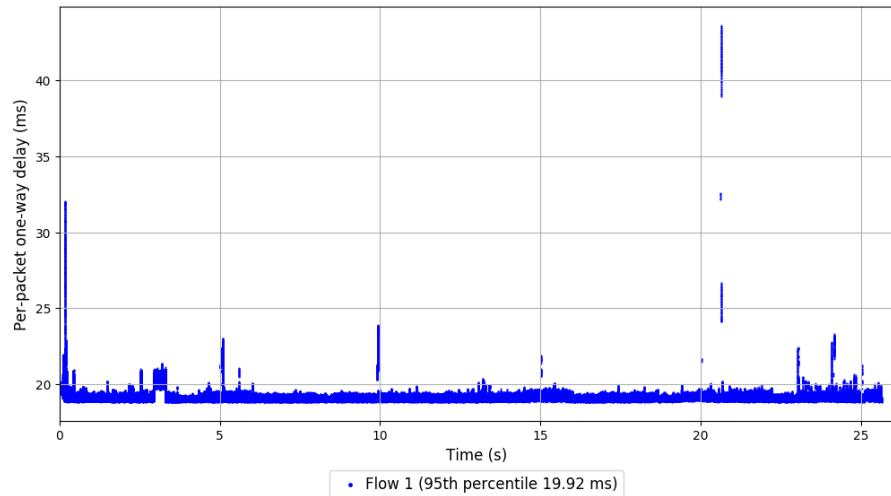
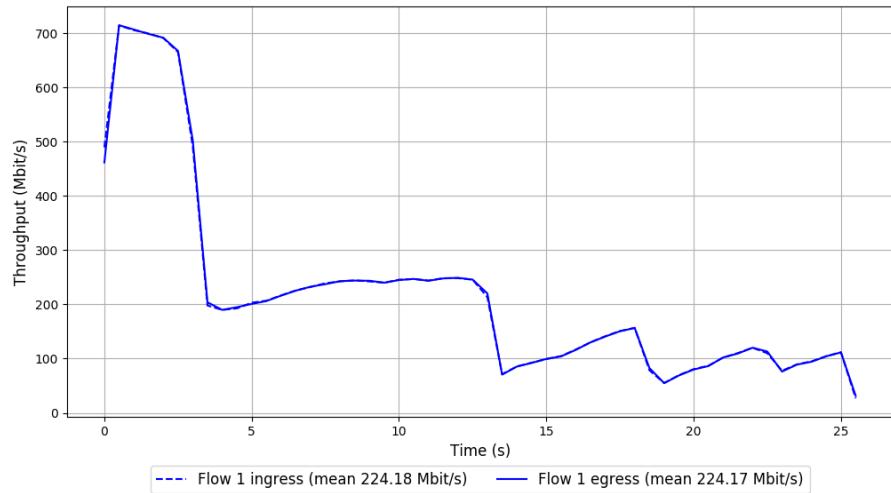


Run 3: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 20:47:58 +0000
End at: Mon, 24 Jul 2017 20:48:28 +0000
Local clock offset: 1.034 ms
Remote clock offset: -2.877 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.17 Mbit/s
95th percentile per-packet one-way delay: 19.917 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 224.17 Mbit/s
95th percentile per-packet one-way delay: 19.917 ms
Loss rate: 0.00%
```

### Run 3: Report of TCP Vegas — Data Link

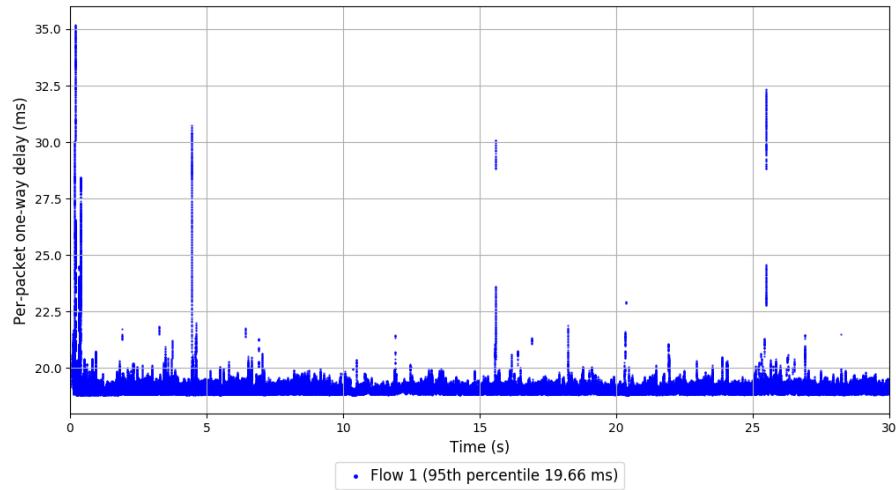
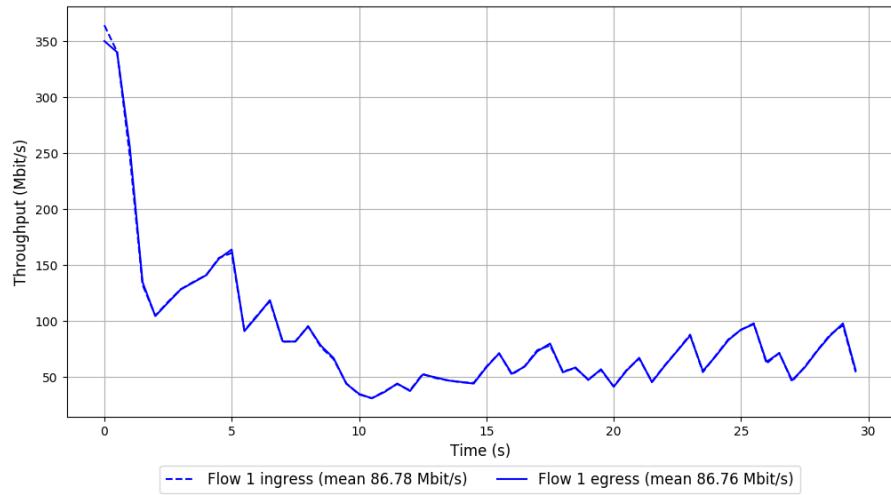


Run 4: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 21:08:01 +0000
End at: Mon, 24 Jul 2017 21:08:31 +0000
Local clock offset: 0.819 ms
Remote clock offset: -2.701 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 19.656 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 19.656 ms
Loss rate: 0.03%
```

## Run 4: Report of TCP Vegas — Data Link

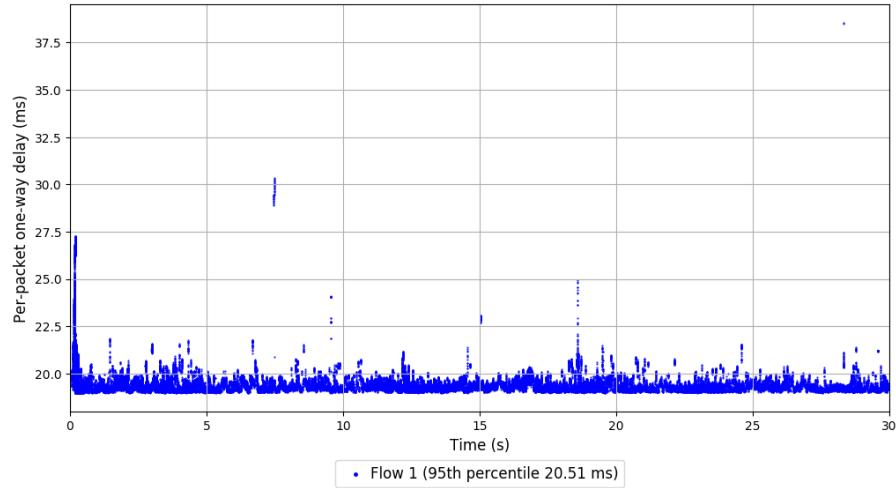
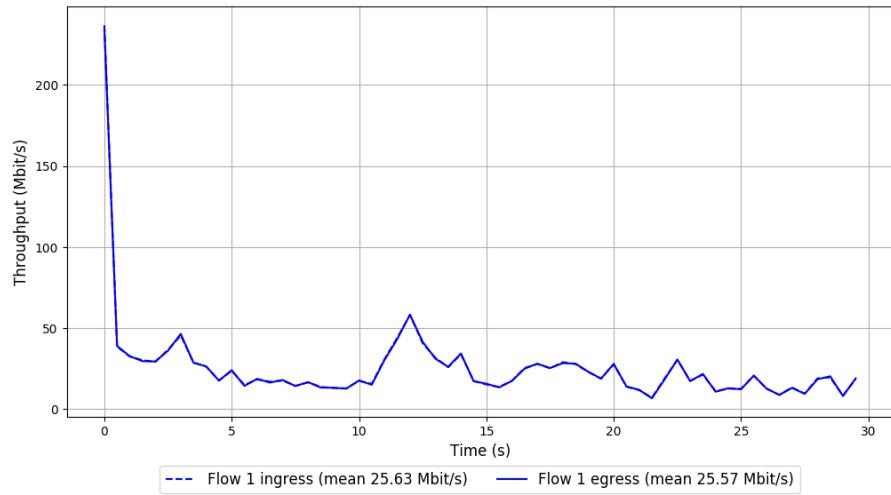


Run 5: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 21:27:52 +0000
End at: Mon, 24 Jul 2017 21:28:22 +0000
Local clock offset: 0.664 ms
Remote clock offset: -2.677 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.57 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 25.57 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 0.21%
```

### Run 5: Report of TCP Vegas — Data Link

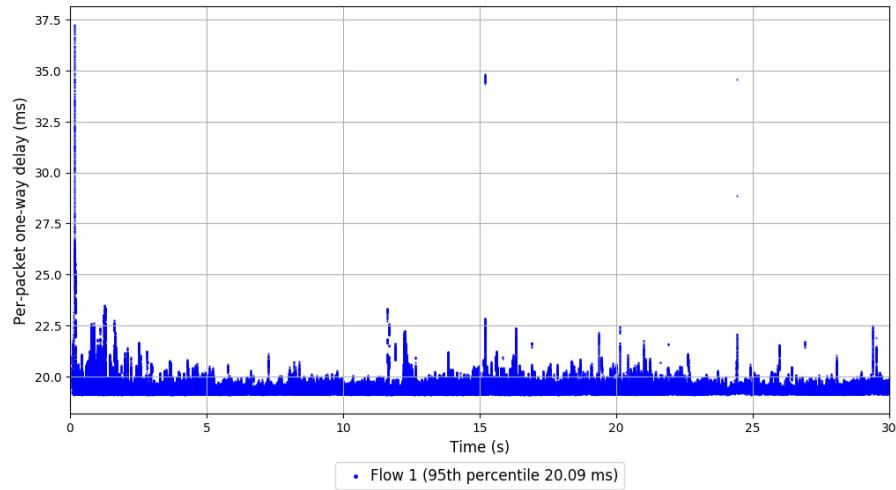
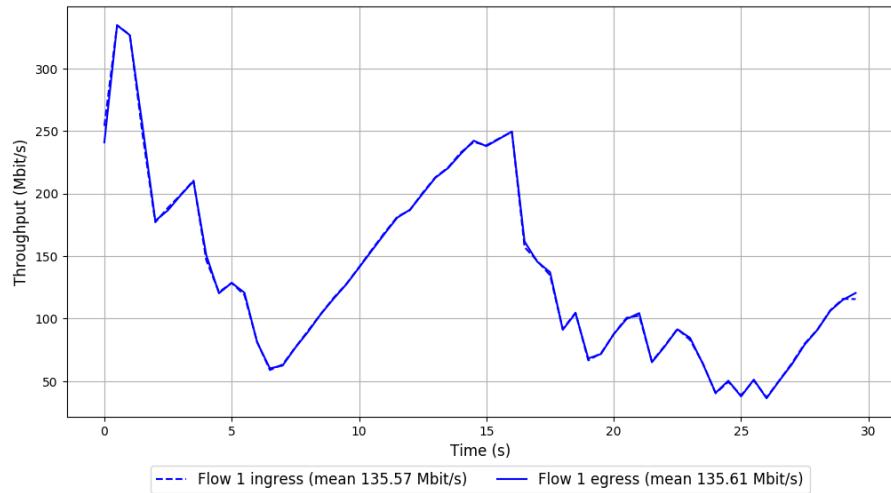


Run 6: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 21:48:00 +0000
End at: Mon, 24 Jul 2017 21:48:30 +0000
Local clock offset: 0.777 ms
Remote clock offset: -2.708 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 135.61 Mbit/s
95th percentile per-packet one-way delay: 20.088 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 135.61 Mbit/s
95th percentile per-packet one-way delay: 20.088 ms
Loss rate: 0.01%
```

### Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 22:08:09 +0000

End at: Mon, 24 Jul 2017 22:08:39 +0000

Local clock offset: 0.787 ms

Remote clock offset: -2.851 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 158.21 Mbit/s

95th percentile per-packet one-way delay: 20.049 ms

Loss rate: 0.00%

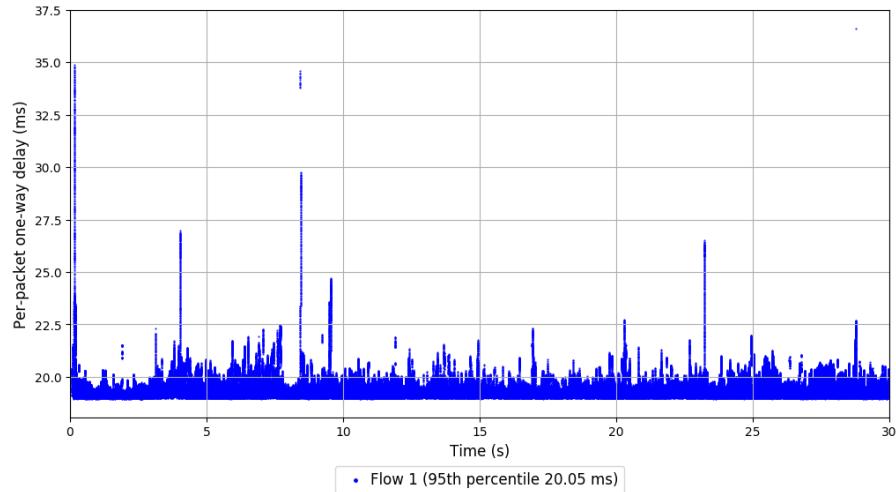
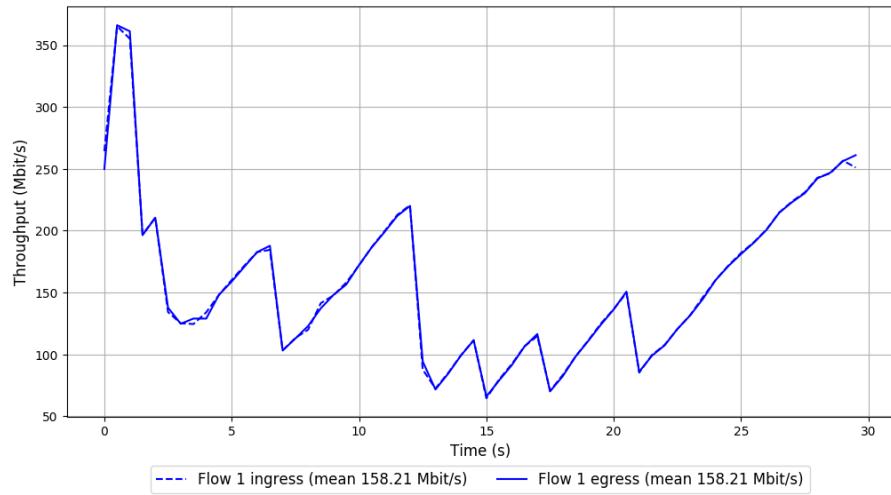
-- Flow 1:

Average throughput: 158.21 Mbit/s

95th percentile per-packet one-way delay: 20.049 ms

Loss rate: 0.00%

### Run 7: Report of TCP Vegas — Data Link

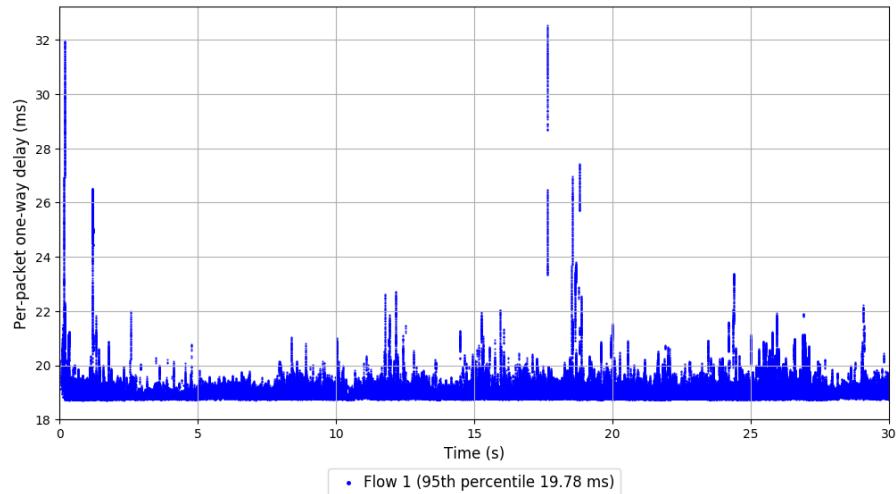
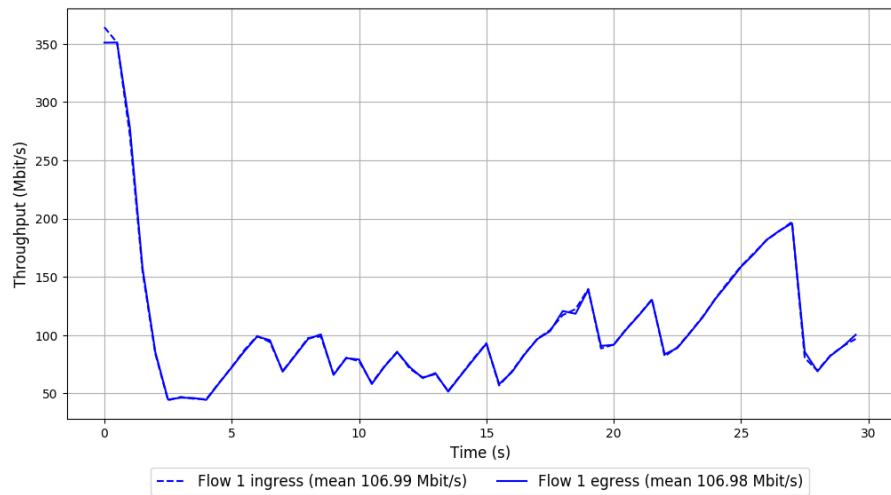


Run 8: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 22:28:21 +0000
End at: Mon, 24 Jul 2017 22:28:51 +0000
Local clock offset: 0.921 ms
Remote clock offset: -2.733 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:41:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.98 Mbit/s
95th percentile per-packet one-way delay: 19.780 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 106.98 Mbit/s
95th percentile per-packet one-way delay: 19.780 ms
Loss rate: 0.01%
```

Run 8: Report of TCP Vegas — Data Link

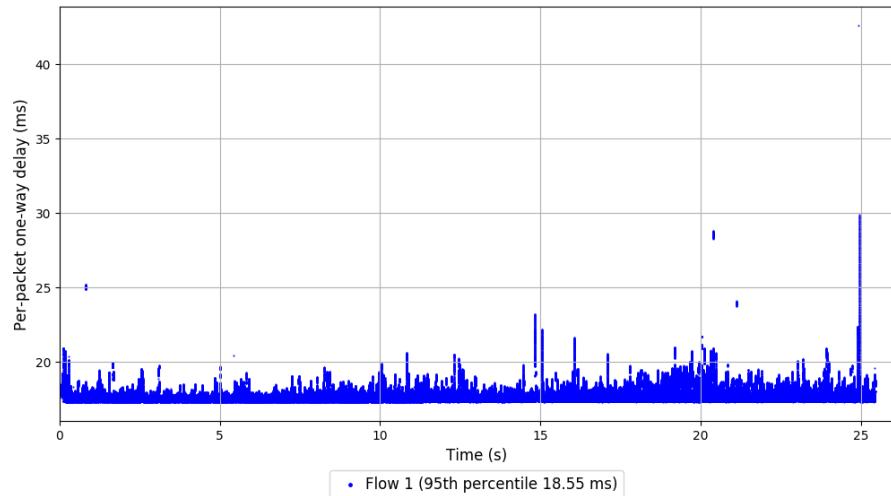
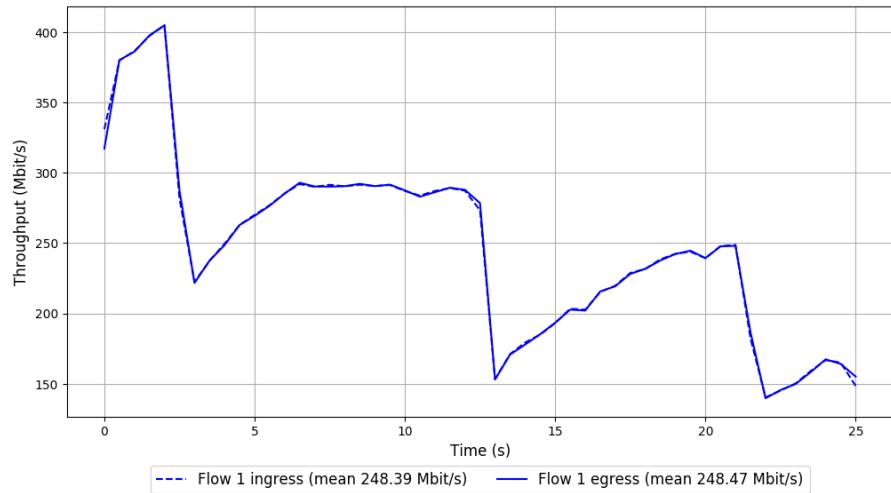


Run 9: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 22:48:35 +0000
End at: Mon, 24 Jul 2017 22:49:05 +0000
Local clock offset: 0.678 ms
Remote clock offset: -2.667 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:42:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 248.47 Mbit/s
95th percentile per-packet one-way delay: 18.546 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 248.47 Mbit/s
95th percentile per-packet one-way delay: 18.546 ms
Loss rate: 0.00%
```

### Run 9: Report of TCP Vegas — Data Link

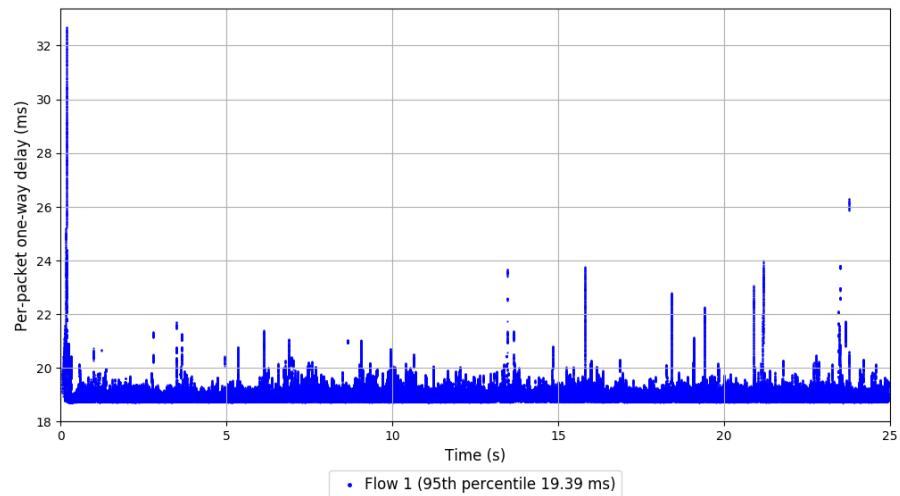
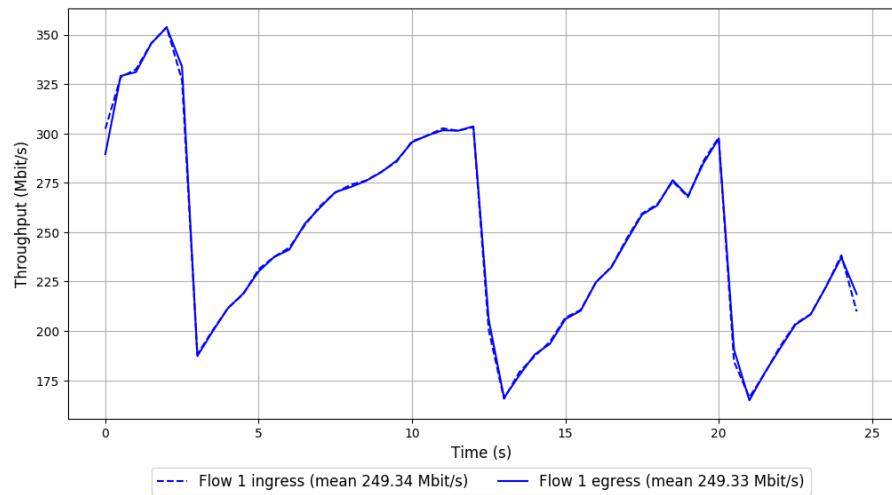


Run 10: Statistics of TCP Vegas

```
Start at: Mon, 24 Jul 2017 23:08:58 +0000
End at: Mon, 24 Jul 2017 23:09:28 +0000
Local clock offset: 0.667 ms
Remote clock offset: -2.699 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:42:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 249.33 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 249.33 Mbit/s
95th percentile per-packet one-way delay: 19.389 ms
Loss rate: 0.01%
```

Run 10: Report of TCP Vegas — Data Link

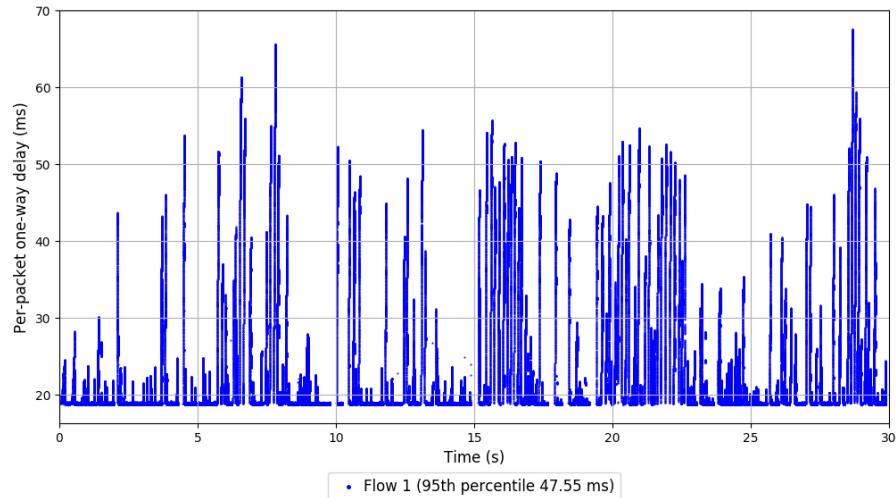
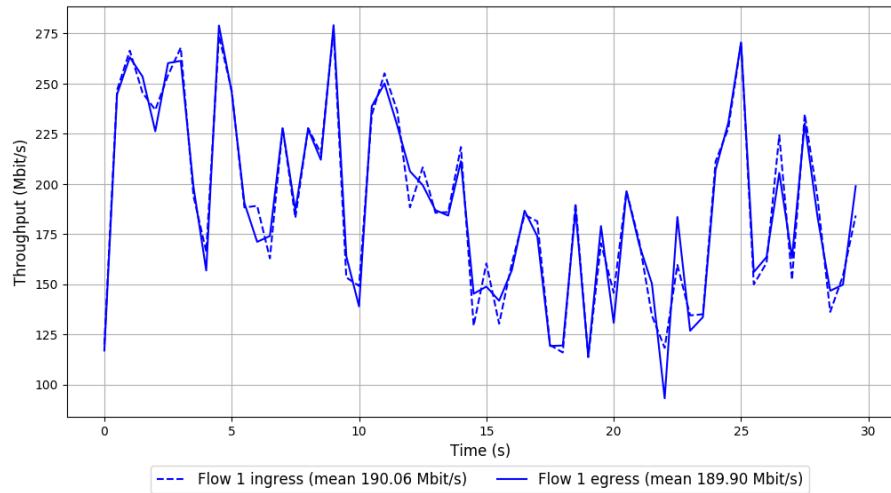


Run 1: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 20:14:42 +0000
End at: Mon, 24 Jul 2017 20:15:12 +0000
Local clock offset: 1.141 ms
Remote clock offset: -3.546 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:42:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 189.90 Mbit/s
95th percentile per-packet one-way delay: 47.545 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 189.90 Mbit/s
95th percentile per-packet one-way delay: 47.545 ms
Loss rate: 0.08%
```

### Run 1: Report of Verus — Data Link

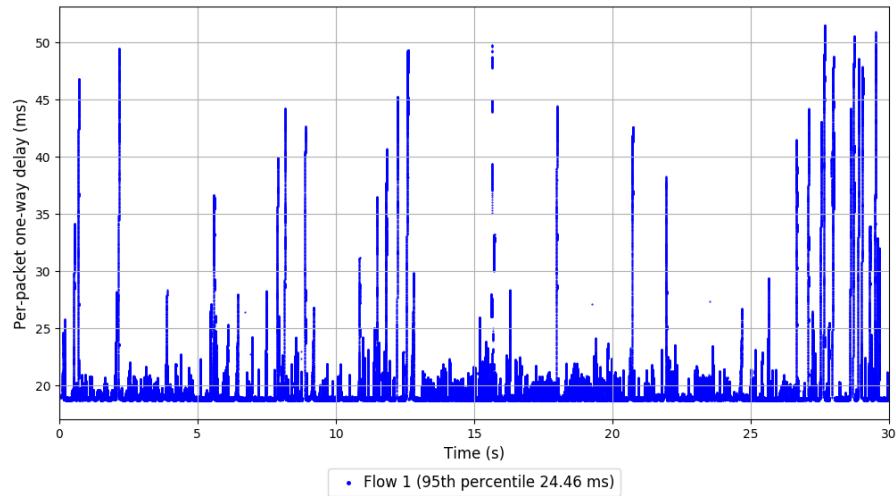
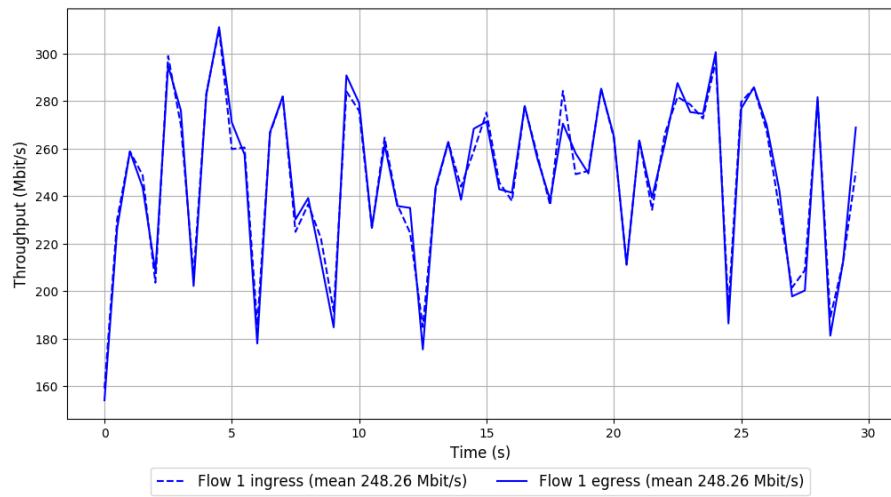


Run 2: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 20:34:26 +0000
End at: Mon, 24 Jul 2017 20:34:56 +0000
Local clock offset: 0.951 ms
Remote clock offset: -3.274 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:42:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 248.26 Mbit/s
95th percentile per-packet one-way delay: 24.465 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 248.26 Mbit/s
95th percentile per-packet one-way delay: 24.465 ms
Loss rate: 0.02%
```

## Run 2: Report of Verus — Data Link

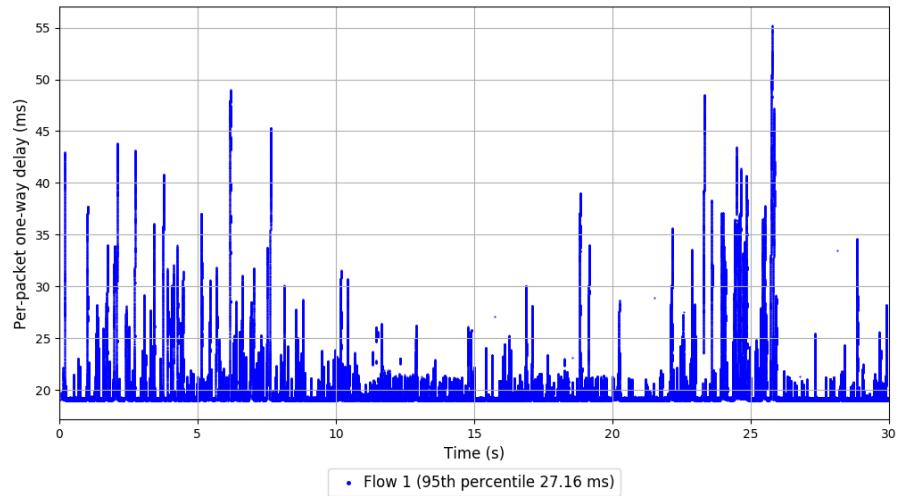
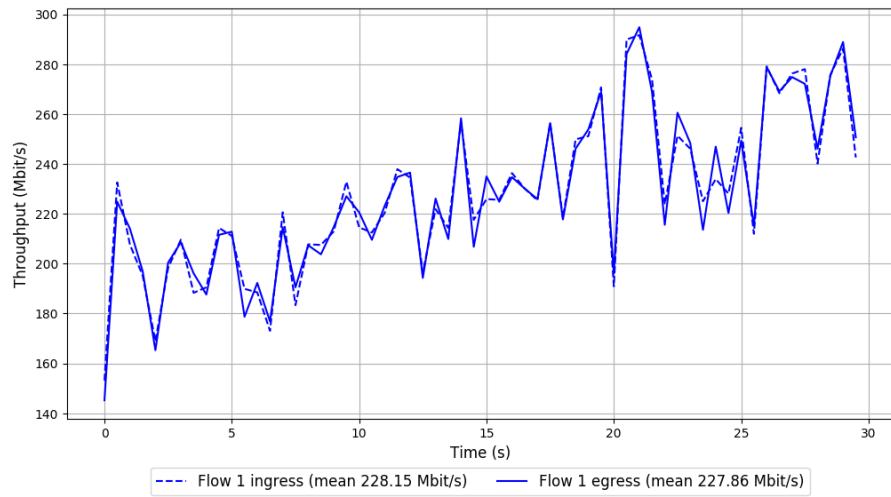


Run 3: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 20:54:49 +0000
End at: Mon, 24 Jul 2017 20:55:19 +0000
Local clock offset: 0.947 ms
Remote clock offset: -2.72 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:43:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 227.86 Mbit/s
95th percentile per-packet one-way delay: 27.162 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 227.86 Mbit/s
95th percentile per-packet one-way delay: 27.162 ms
Loss rate: 0.13%
```

### Run 3: Report of Verus — Data Link

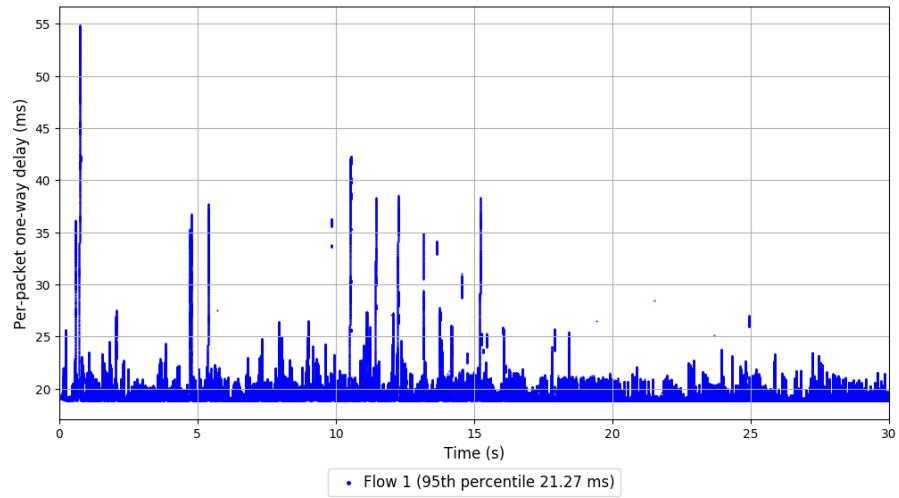
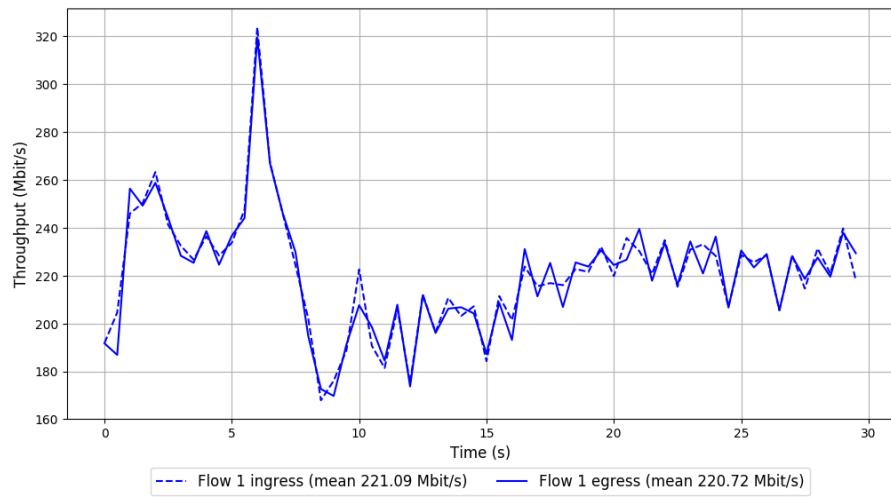


Run 4: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 21:14:47 +0000
End at: Mon, 24 Jul 2017 21:15:17 +0000
Local clock offset: 0.824 ms
Remote clock offset: -2.681 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:43:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.72 Mbit/s
95th percentile per-packet one-way delay: 21.269 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 220.72 Mbit/s
95th percentile per-packet one-way delay: 21.269 ms
Loss rate: 0.19%
```

Run 4: Report of Verus — Data Link

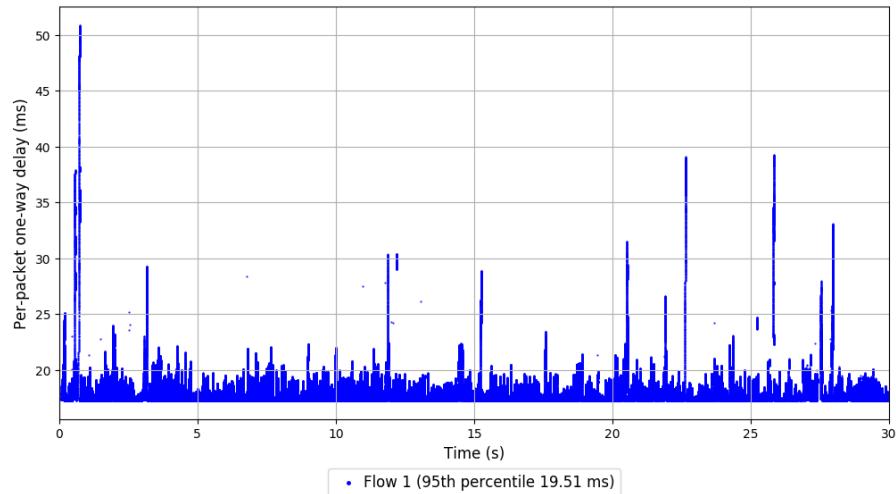
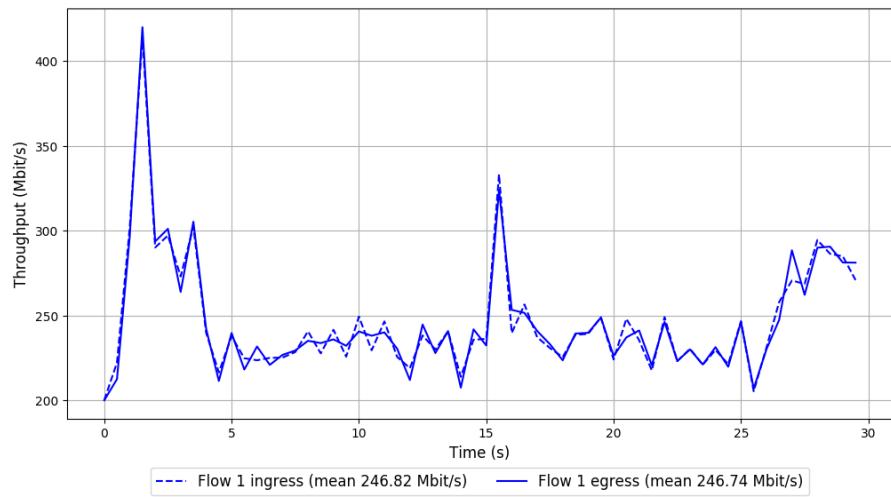


Run 5: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 21:34:35 +0000
End at: Mon, 24 Jul 2017 21:35:05 +0000
Local clock offset: 0.806 ms
Remote clock offset: -2.749 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:43:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 246.74 Mbit/s
95th percentile per-packet one-way delay: 19.507 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 246.74 Mbit/s
95th percentile per-packet one-way delay: 19.507 ms
Loss rate: 0.05%
```

Run 5: Report of Verus — Data Link

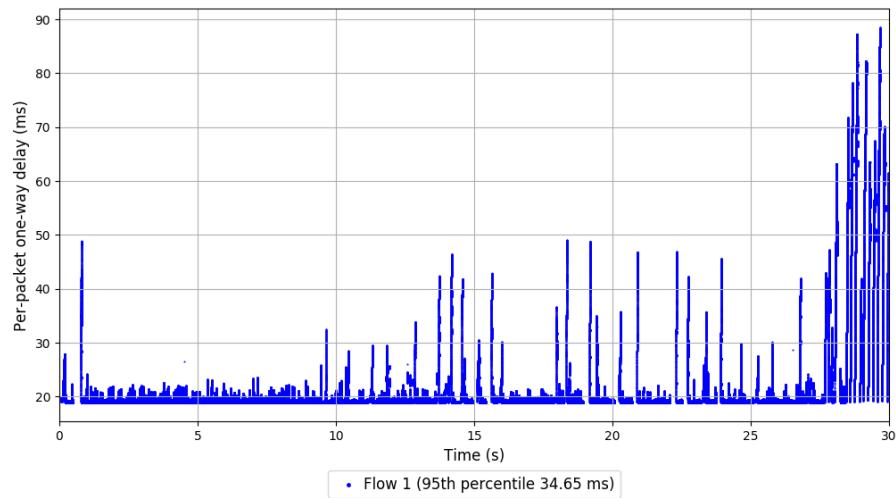
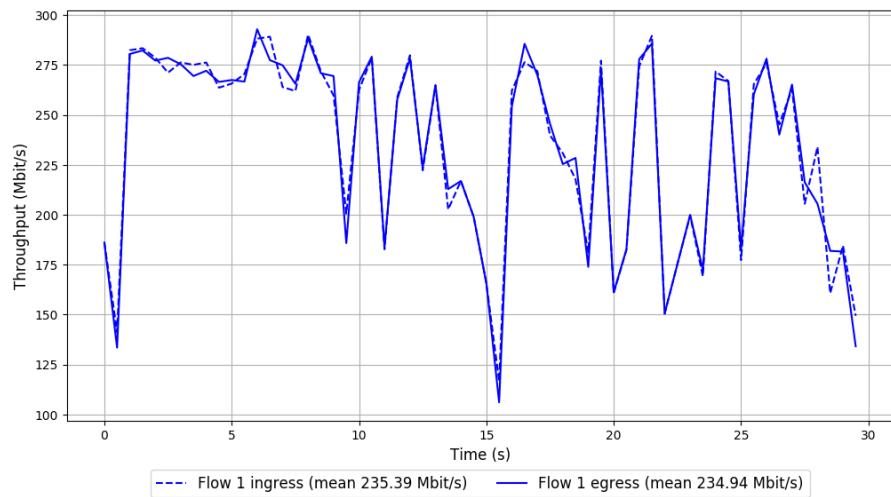


Run 6: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 21:54:49 +0000
End at: Mon, 24 Jul 2017 21:55:19 +0000
Local clock offset: 0.917 ms
Remote clock offset: -2.812 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:43:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 234.94 Mbit/s
95th percentile per-packet one-way delay: 34.651 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 234.94 Mbit/s
95th percentile per-packet one-way delay: 34.651 ms
Loss rate: 0.19%
```

### Run 6: Report of Verus — Data Link

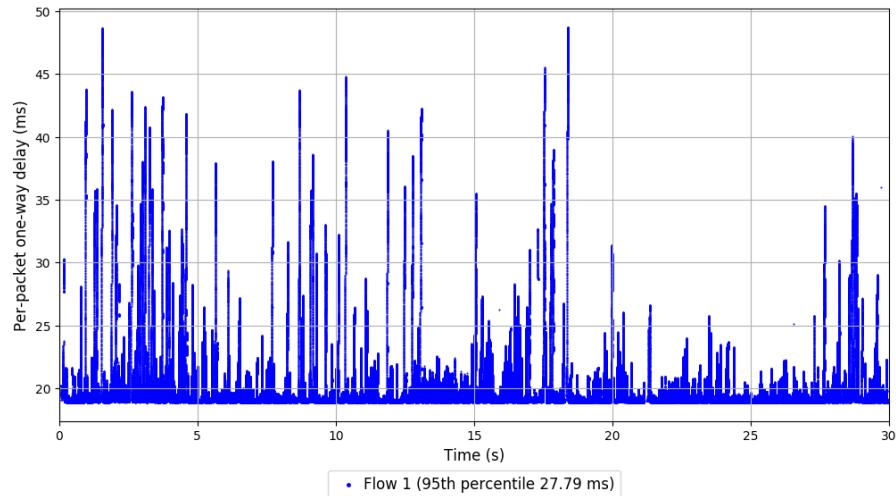
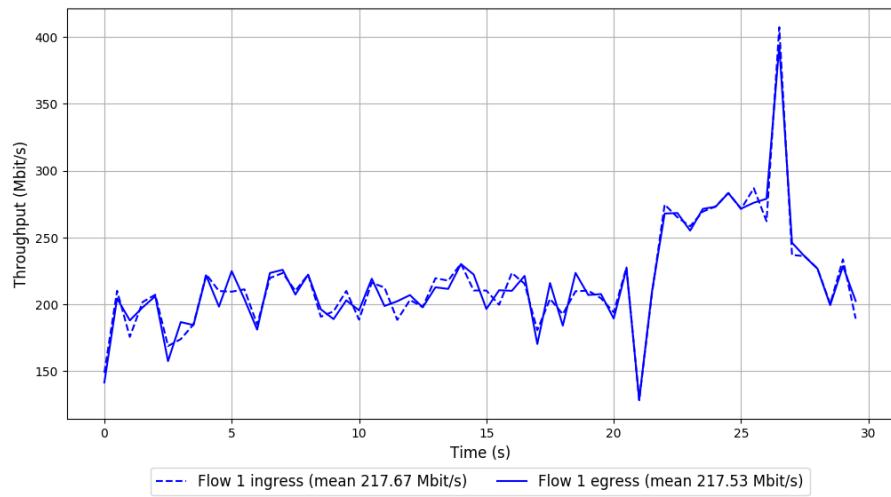


Run 7: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 22:15:00 +0000
End at: Mon, 24 Jul 2017 22:15:30 +0000
Local clock offset: 0.901 ms
Remote clock offset: -2.784 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 217.53 Mbit/s
95th percentile per-packet one-way delay: 27.786 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 217.53 Mbit/s
95th percentile per-packet one-way delay: 27.786 ms
Loss rate: 0.07%
```

Run 7: Report of Verus — Data Link

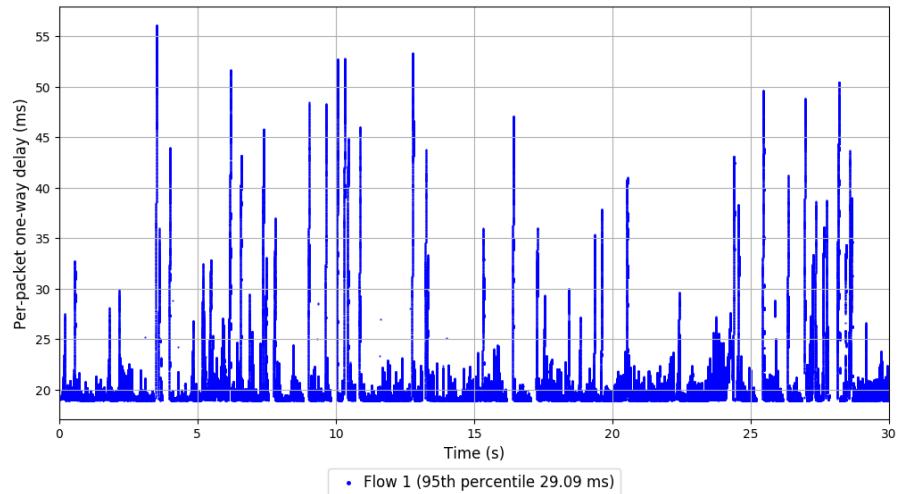
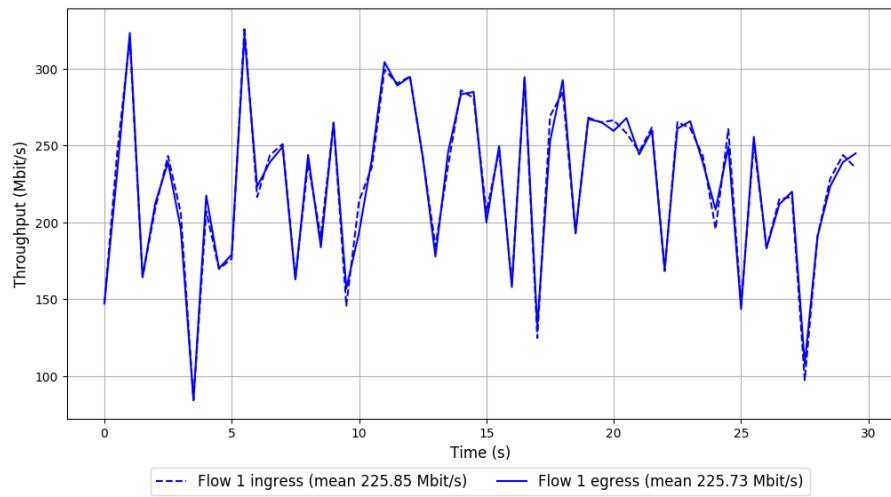


Run 8: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 22:35:08 +0000
End at: Mon, 24 Jul 2017 22:35:38 +0000
Local clock offset: 0.852 ms
Remote clock offset: -2.731 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.73 Mbit/s
95th percentile per-packet one-way delay: 29.095 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 225.73 Mbit/s
95th percentile per-packet one-way delay: 29.095 ms
Loss rate: 0.05%
```

Run 8: Report of Verus — Data Link

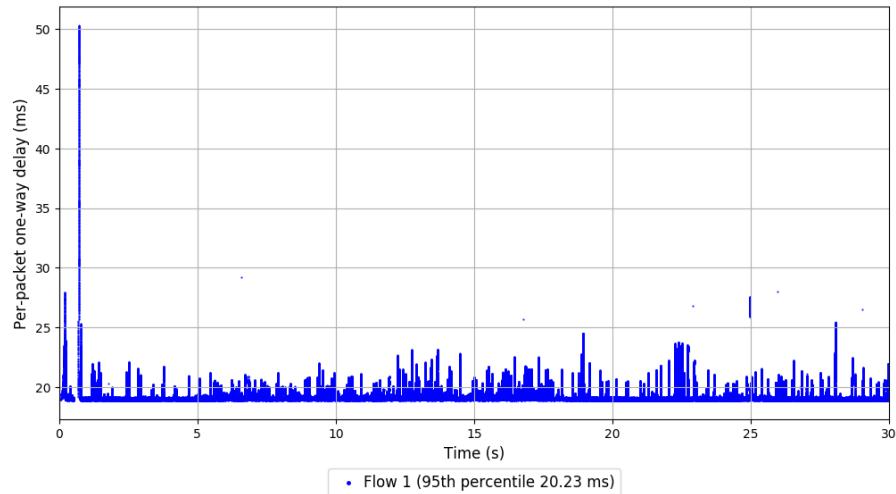
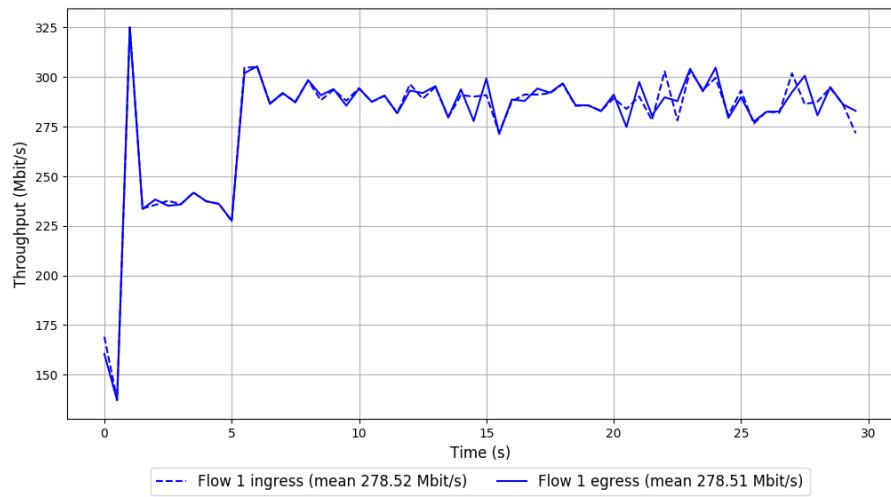


Run 9: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 22:55:22 +0000
End at: Mon, 24 Jul 2017 22:55:52 +0000
Local clock offset: 0.646 ms
Remote clock offset: -2.724 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 278.51 Mbit/s
95th percentile per-packet one-way delay: 20.232 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 278.51 Mbit/s
95th percentile per-packet one-way delay: 20.232 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

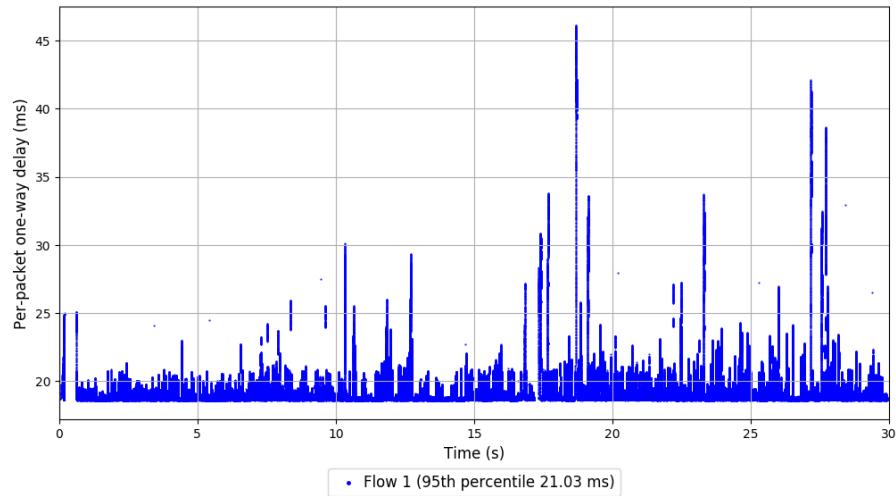
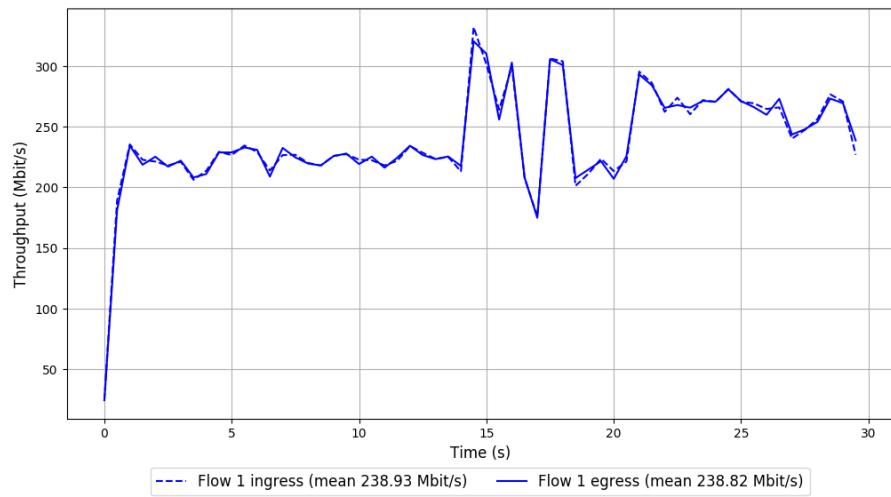


Run 10: Statistics of Verus

```
Start at: Mon, 24 Jul 2017 23:15:53 +0000
End at: Mon, 24 Jul 2017 23:16:23 +0000
Local clock offset: 0.608 ms
Remote clock offset: -2.789 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 238.82 Mbit/s
95th percentile per-packet one-way delay: 21.027 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 238.82 Mbit/s
95th percentile per-packet one-way delay: 21.027 ms
Loss rate: 0.05%
```

Run 10: Report of Verus — Data Link

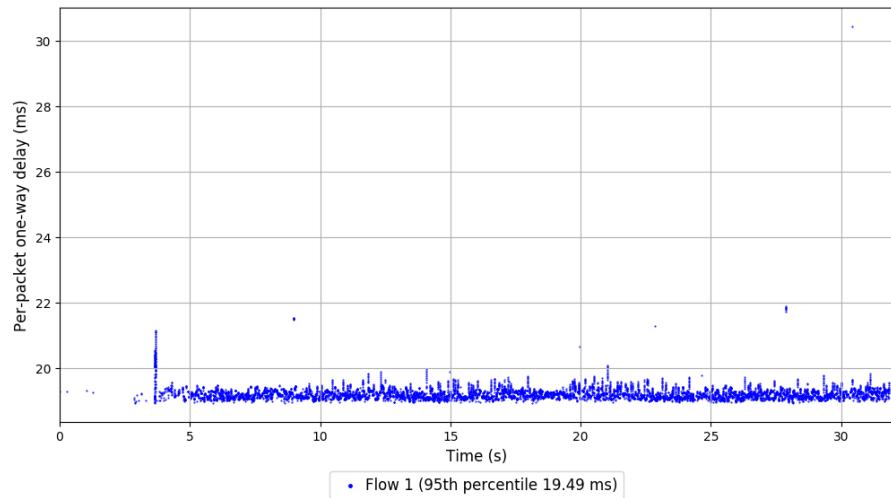
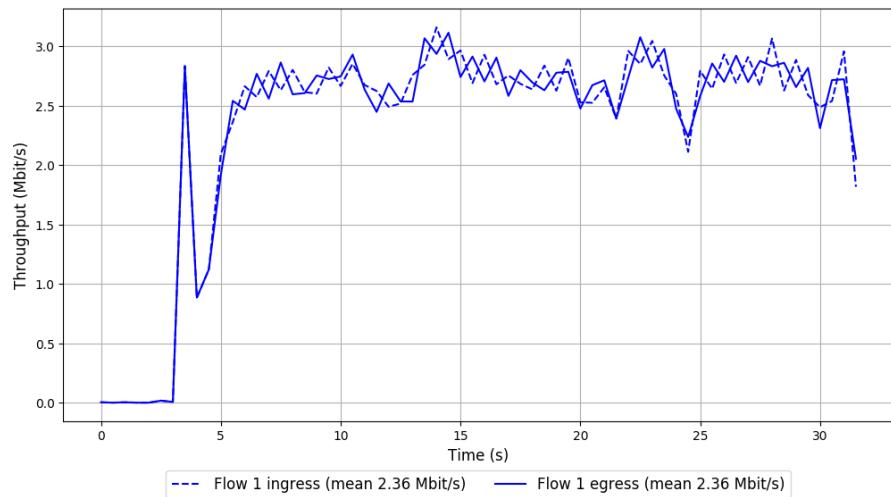


```
Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 20:06:46 +0000
End at: Mon, 24 Jul 2017 20:07:16 +0000
Local clock offset: 1.184 ms
Remote clock offset: -3.685 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 0.01%
```

Run 1: Report of WebRTC media — Data Link

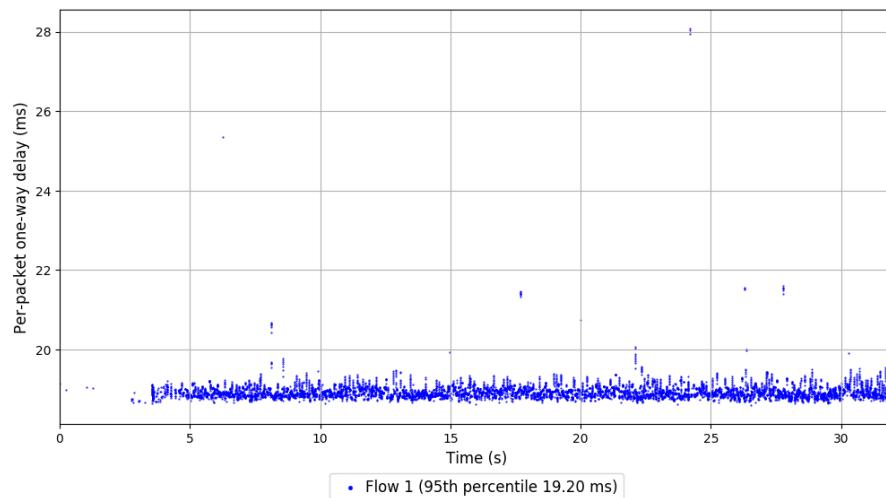
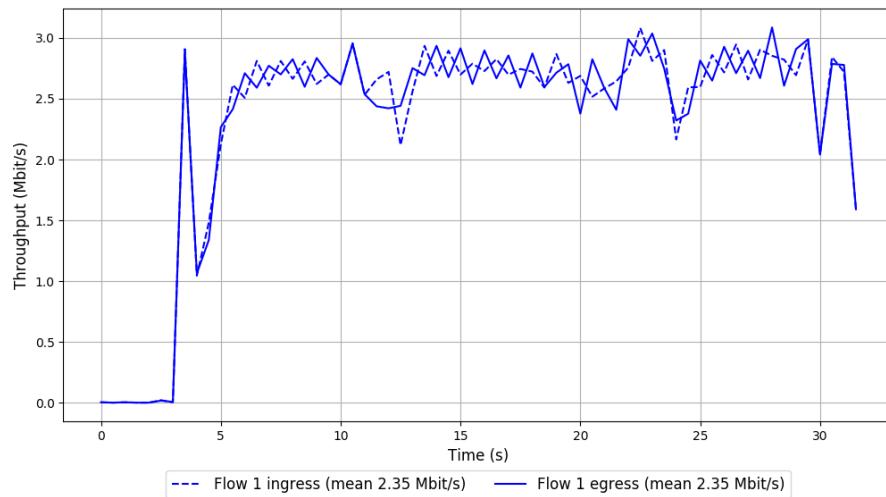


Run 2: Statistics of WebRTC media

```
Start at: Mon, 24 Jul 2017 20:26:40 +0000
End at: Mon, 24 Jul 2017 20:27:10 +0000
Local clock offset: 1.042 ms
Remote clock offset: -3.458 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.198 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.198 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

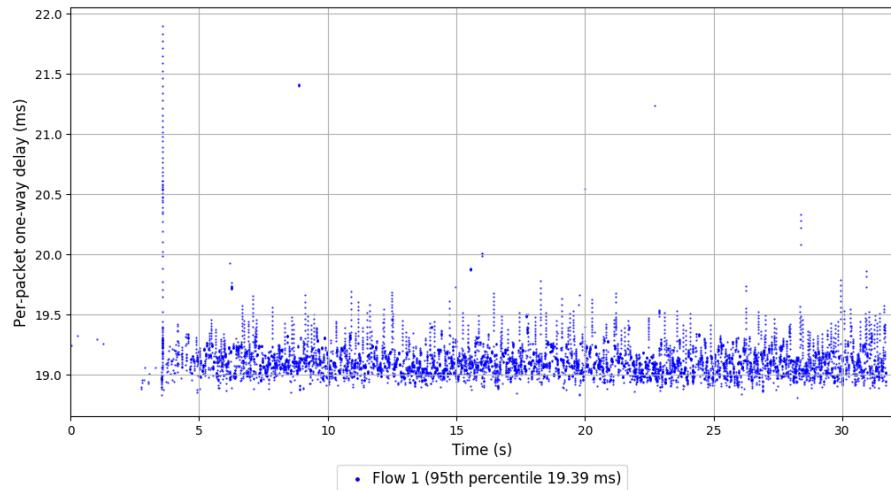
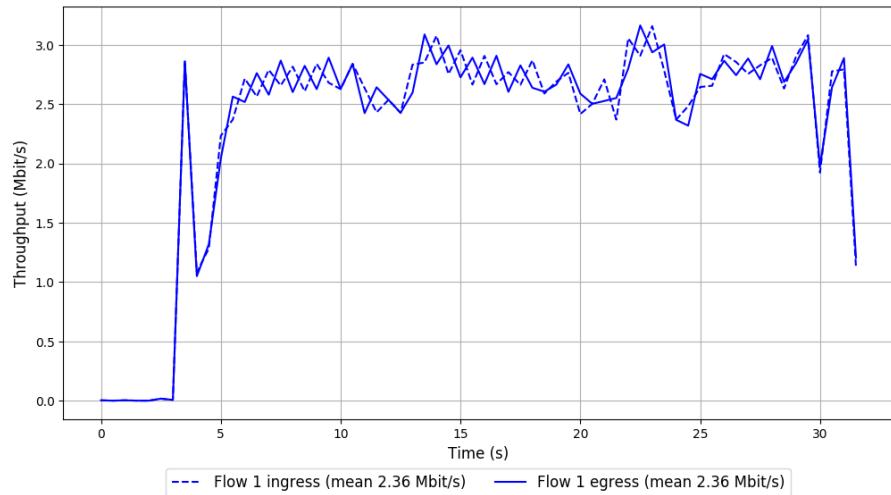


```
Run 3: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 20:46:48 +0000
End at: Mon, 24 Jul 2017 20:47:18 +0000
Local clock offset: 1.029 ms
Remote clock offset: -2.909 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.393 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

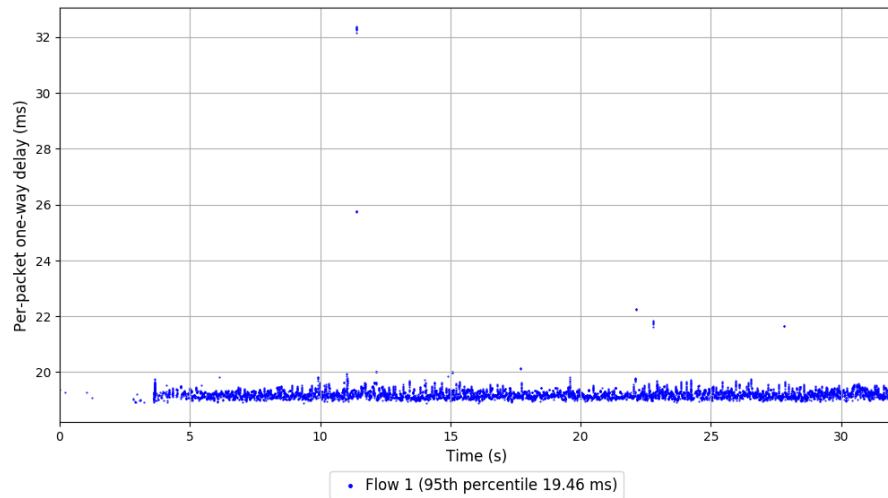
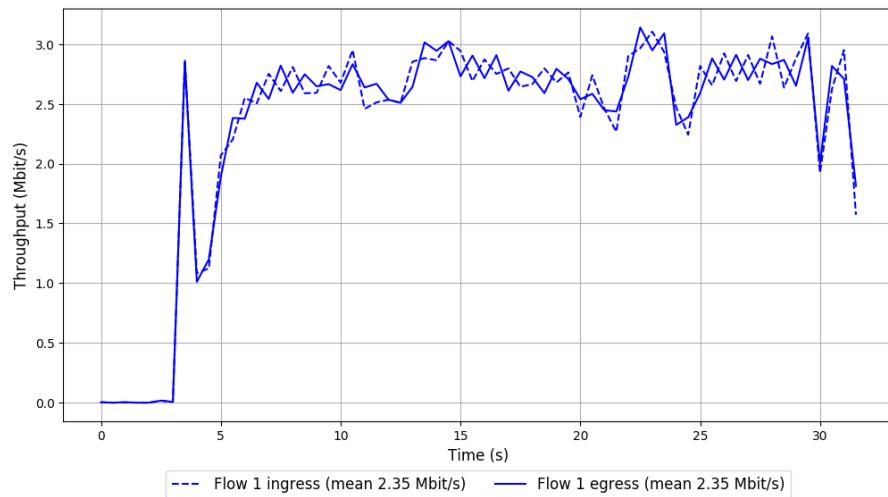


Run 4: Statistics of WebRTC media

```
Start at: Mon, 24 Jul 2017 21:06:51 +0000
End at: Mon, 24 Jul 2017 21:07:22 +0000
Local clock offset: 0.892 ms
Remote clock offset: -2.712 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 19.465 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

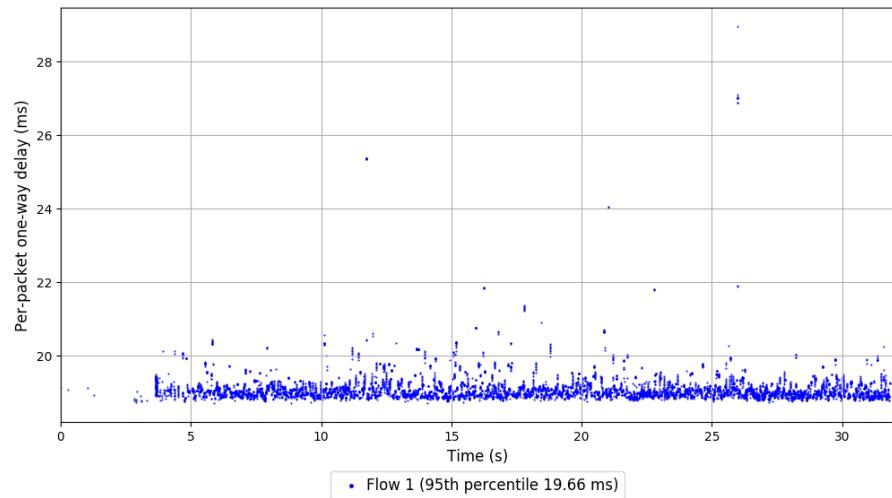
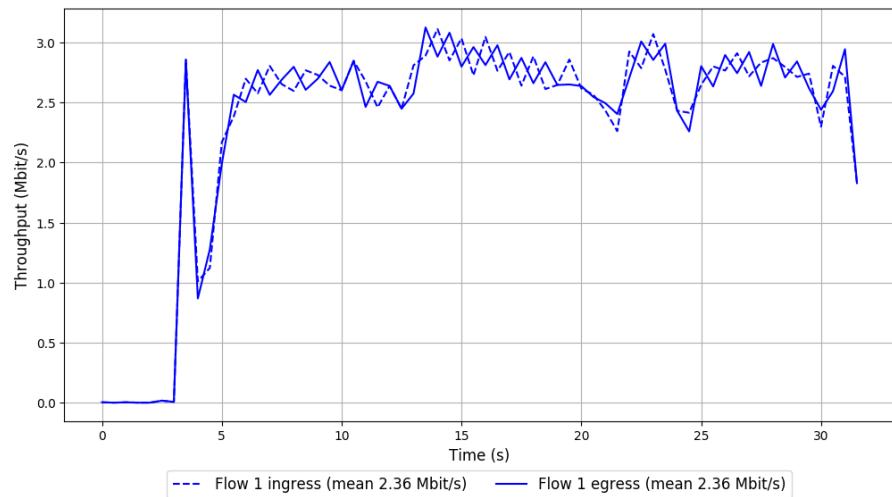


```
Run 5: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 21:26:42 +0000
End at: Mon, 24 Jul 2017 21:27:12 +0000
Local clock offset: 0.661 ms
Remote clock offset: -2.668 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.662 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.662 ms
Loss rate: 0.01%
```

Run 5: Report of WebRTC media — Data Link

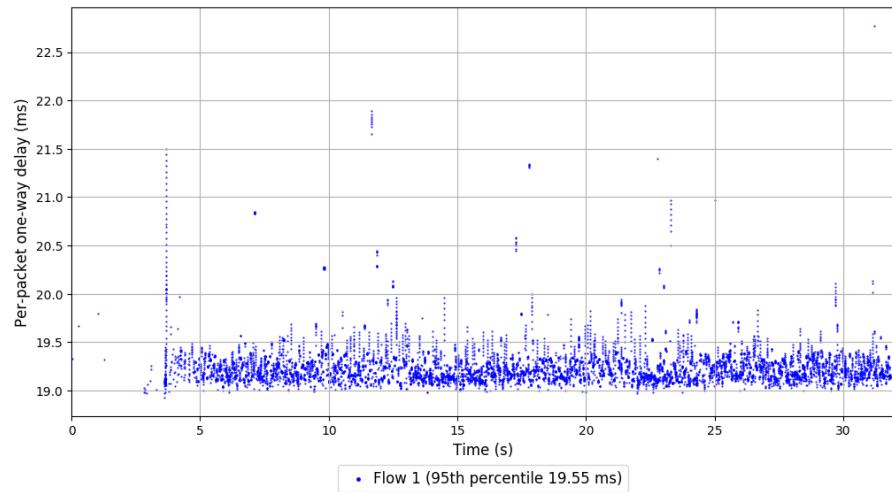
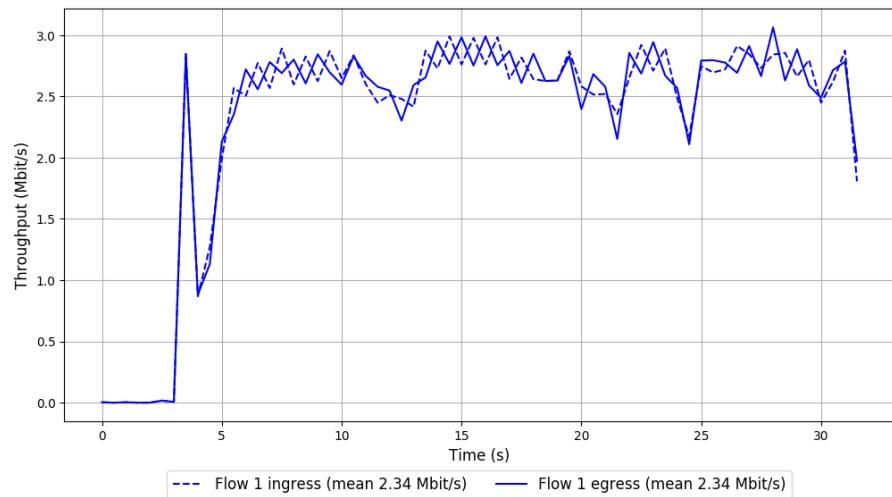


Run 6: Statistics of WebRTC media

```
Start at: Mon, 24 Jul 2017 21:46:50 +0000
End at: Mon, 24 Jul 2017 21:47:20 +0000
Local clock offset: 0.791 ms
Remote clock offset: -2.81 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.551 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

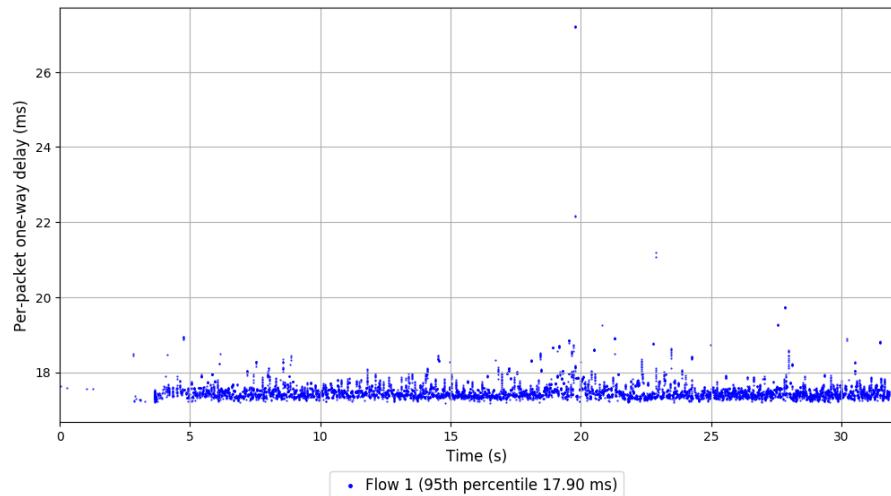
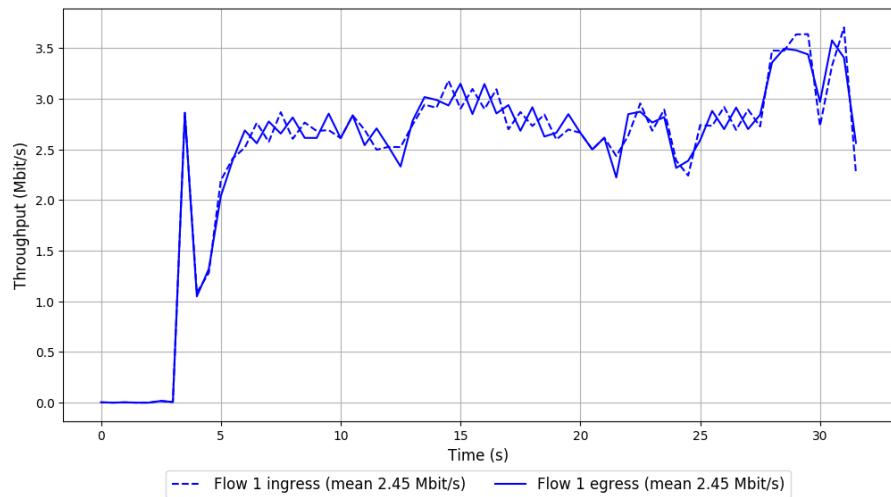


Run 7: Statistics of WebRTC media

```
Start at: Mon, 24 Jul 2017 22:06:58 +0000
End at: Mon, 24 Jul 2017 22:07:28 +0000
Local clock offset: 0.892 ms
Remote clock offset: -2.837 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 17.896 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 17.896 ms
Loss rate: 0.03%
```

Run 7: Report of WebRTC media — Data Link

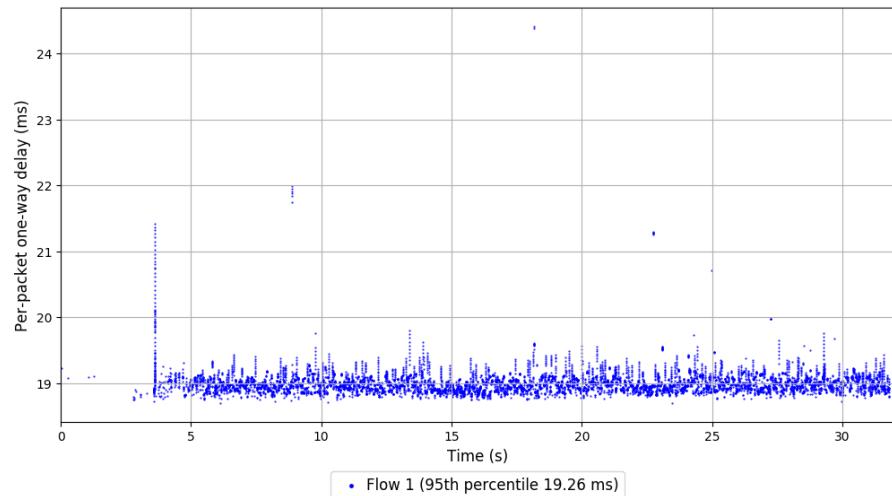
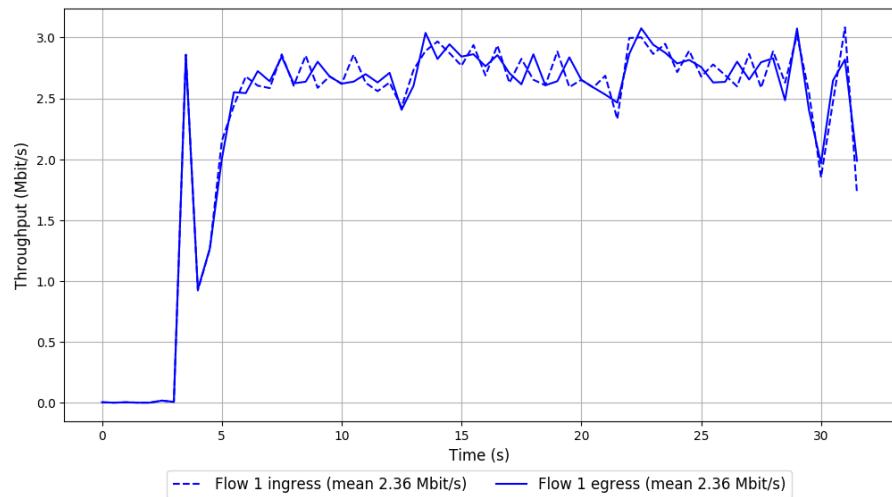


```
Run 8: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 22:27:10 +0000
End at: Mon, 24 Jul 2017 22:27:41 +0000
Local clock offset: 0.919 ms
Remote clock offset: -2.682 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 19.259 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

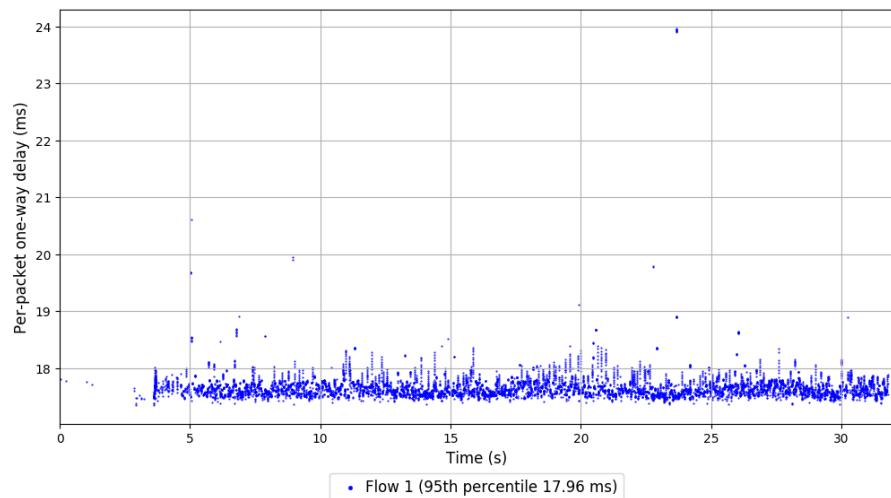
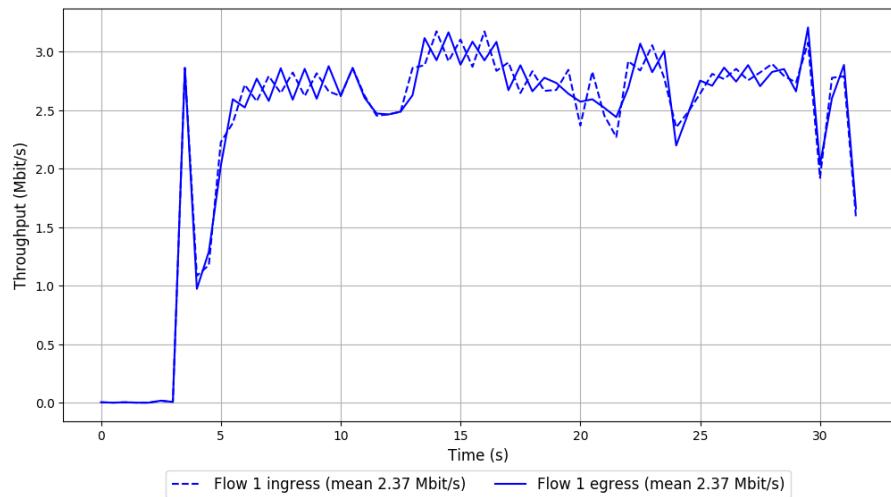


```
Run 9: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 22:47:25 +0000
End at: Mon, 24 Jul 2017 22:47:55 +0000
Local clock offset: 0.604 ms
Remote clock offset: -2.682 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 17.956 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 17.956 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media
```

```
Start at: Mon, 24 Jul 2017 23:07:48 +0000
```

```
End at: Mon, 24 Jul 2017 23:08:18 +0000
```

```
Local clock offset: 0.592 ms
```

```
Remote clock offset: -2.672 ms
```

```
# Below is generated by plot.py at Tue, 25 Jul 2017 04:44:58 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 2.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.556 ms
```

```
Loss rate: 0.00%
```

```
-- Flow 1:
```

```
Average throughput: 2.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 19.556 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

